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Till Geochemistry of the Fredericton Junction (NTS 21 G/10) Map Area, York and Sunbury Counties, New Brunswick

A.G. Pronk, S. Allard, and R. Boldon

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Minister of Natural Resources

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ABSTRACT

Regional till sampling in the Fredericton Junction (NTS 21 G/10) area took place on a 2 km grid and samples were analyzed for a wide range of elements. Field and laboratory methodology are described and contour plots for As, Sb, Cu and Pb are presented. A full field and analytical data listing is included in the report.

RÉSUMÉ

On a effectué un échantillonnage régional de tills suivant une grille de 2 km sur 2 km dans le secteur de Fredericton Junction (SNRC 21 G/10) et on a analysé la teneur en un vaste éventail d'éléments des échantillons. Le rapport pertinent décrit les méthodes de prélèvement des échantillons et d'analyse en laboratoire, et il présente des tracés de contours de l'As, du Sb, du Cu et du Pb. Le rapport comprend une liste complète des données de terrain et des données d'analyse.

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CD-ROM

Contains Open File 2003-13 (PDF format), Appendix 1 (PDF format), and Appendices 2 and 3 (EXCEL format), Plates 2003-18A to -18E (PDF format) .....in pocket

Paper copies of the following maps are available separately from the New Brunswick Minerals, Policy and Planning Division:

Plate 2003-18A Till sample site locations in the Fredericton Junction map area (NTS 21 G/10), New Brunswick. A.G. Pronk, S. Allard, R. Boldon. 2003. Scale: 1:50 000.

Plate 2003-18B Colour contour plot of copper in till, Fredericton Junction map area (NTS 21 G/10), New Brunswick. A.G. Pronk, S. Allard, R. Boldon. 2003. Scale: 1:50 000.

Plate 2003-18C Colour contour plot of lead in till, Frederiction Junction map area (NTS 21 G/10), New Brunswick. A.G. Pronk, S. Allard, R. Boldon. 2003. Scale: 1:50 000.

Plate 2003-18D Colour contour plot of arsenic in till, Fredericton Junction map area (NTS 21 G/10), New Brunswick. A.G. Pronk, S. Allard, R. Boldon. 2003. Scale: 1:50 000.

Plate 2003-18E Colour contour plot of antimony in till, Fredericton Junction map area (NTS 21 G/10), New Brunswick. A.G. Pronk, S. Allard, R. Boldon. 2003. Scale: 1:50 000.

Till Geochemistry of the Fredericton Junction (NTS 21G/10) Map Area, Charlotte County, New Brunswick

INTRODUCTION

This Open File consists of a brief description of the methodology of sampling and the analytical procedures, a full listing of field data and analytical data, and contour plots for selected elements (As, Sb, Cu, and Pb).

Till sampling in the Fredericton Junction map area (Appendix 1) took place during the summer of 2002 and was done on a loose 2 km grid, resulting in a sampling density of 1 sample per 4 km^2. A field duplicate sample was taken for each block of 20 samples.

Sample preparation was done in-house by the Geological Survey Branch technicians (Fredericton). Lab duplicate and standard samples were added and all samples were submitted for geochemical analysis to Becquerel Labs, Mississauga, Ontario for Instrumental Neutron Activation Analysis (INAA) and to ACME Labs, Vancouver, B.C. for Inductively Coupled Plasma Emission-Mass Spectrometry (ICP-MS).

This Open File contains an Excel file with all field and geochemical data and selected geochemistry plots in PDF (Adobe Acrobat) and GEO-Tiff format. Printed copies of the contour plots are also available (1:50,000 scale). Plots for gold were not included because of the skewed database that results from the inadequate detection limit and the nugget effect (see analytical methods below). Gold anomalies can be viewed in the tables and should be compared with the pathfinder elements (As, Sb).

CONTOUR MAPS

The contour maps show geochemical relief (variation in concentration) across the study area for the specific element. The presentation of this data in visual format allows for enhanced recognition of anomalous zones, dispersal patterns, or any other trends. They can be used as a quick reference in distinguishing areas that warrant further investigation from those that are less favorable.

Surfer 8® is the contouring program used. Raw geochemical data is converted to percentiles and contoured using the point kriging method. Point kriging estimates the values at grid nodes by using a moving-average technique of contouring, thereby compensating for the somewhat irregular spacing of the sample sites. Statistically, kriging is based on the Theory of Regionalized Variables. A variable is considered a 'regionalized variable' if it varies from one place to another with apparent continuity. Such is the case with geochemical data; therefore kriging is viewed as the best-suited contouring method.

ANALYTICAL PROCEDURES
(adapted from National Geochemical Reconnaissance open file text)

Instrumental Neutron Activation Analysis (INAA)

Weighed and encapsulated samples are packaged for irradiation along with internal standards and international reference materials. Samples and standards are irradiated together with neutron flux monitors in a two-megawatt pool-type reactor. After a seven-day decay period, samples are measured with a high-resolution germanium detector. Typical counting times are 500 seconds. Elements determined by INAA include: Ag, As, Au, Ba, Br, Cd, Ce, Co, Cr, Cs, Eu, Fe, Hf, Ir, La, Lu, Mo, Na, Ni, Rb, Sb, Sc, Se, Sm, Sn, Ta, Tb, Te, Th, U, W, Yb, Zn, and Zr. The sample weights are also reported. Elements and detection limits are shown in Table 1.

Data for Ag, Cd, Ir, Mo, Ni, Se, Sn, Te, Zn, and Zr are not published because of inadequate detection limits and/or precision.

Inductively Coupled Plasma Emission - Mass Spectrometry (ICP-MS)

For the determination of 35 elements listed in Table 2, a one gram sample is leached with 6 ml of a mixture of HCl, HNO_3, and distilled, deionized water (2:2:2 v/v) at 95° C for one hour. The sample solution is diluted to 20 ml and analysed by inductively coupled plasma emission spectroscopy on a Jarell Ash instrument and inductively coupled plasma mass spectroscopy on a Perkin Elmer Elan instrument.

COMPARISON OF DATA PRODUCED BY TWO METHODS

Analytical results obtained by the two methods are listed for several elements. Caution should be exercised in comparing data generated by the two methods.

Results for As, Ba, Co, Cr, Fe, La, Na, Sb, Sc, Th, U and W in sediments were obtained by ICP-MS using a partial extraction method with an HNO_3 – HCl digestion. Data for these elements obtained by INAA are 'total' data. Hence, ICP-MS results will likely be lower than those obtained by INAA.

Table 1. Elements in Till Determined by Instrumental Neutron Activation analysis. Minimum Detection Limits are Also Shown(Below).

ELEMENT		DETECTION LEVEL	
As	Arsenic	0.5	ppm
Au	Gold	2	ppb
Ba	Barium	50	ppm
Br	Bromine	0.5	ppm
Ce	Cerium	5	ppm
Co	Cobalt	5	ppm
Cr	Chromium	20	ppm
Cs	Cesium	0.5	ppm
Eu	Europium	1	ppm
Fe	Iron	0.2	pct
Hf	Hafnium	1	ppm
La	Lanthanum	2	ppm
Lu	Lutetium	0.2	ppm
Na	Sodium	0.02	pct
Rb	Rubidium	5	ppm
Sb	Antimony	0.1	ppm
Sc	Scandium	0.2	ppm
Sm	Samarium	0.1	ppm
Ta	Tantalum	0.5	ppm
Tb	Terbium	0.5	ppm
Th	Thorium	0.2	ppm
U	Uranium	0.2	ppm
W	Tungsten	1	ppm
Yb	Ytterbium	2	ppm

Table 2. Elements in Till Determined by Inductively Coupled Plasma Emission - Mass Spectrometry. Minimum Detection Limits are Also Shown (Below).

ELEMENT		DETECTION LEVEL	
Ag	Silver	2	ppb
Al	Aluminum	0.01	pct
As	Arsenic	0.1	ppm
Ba	Barium	0.5	ppm
Bi	Bismuth	0.02	ppm
Cd	Cadmium	0.01	ppm
Ca	Calcium	0.01	pct
Co	Cobalt	0.1	ppm
Cr	Chromium	0.5	ppm
Cu	Copper	0.01	ppm
Fe	Iron	0.01	pct
Ga	Gallium	0.1	ppm
Hg	Mercury	5	ppb
K	Potassium	0.01	pct
La	Lanthanum	0.5	ppm
Mg	Magnesium	0.01	pct
Mn	Manganese	1	ppm
Mo	Molybdenum	0.01	ppm
Na	Sodium	0.001	pct
Ni	Nickel	0.1	ppm
P	Phosphorus	0.001	pct
Pb	Lead	0.01	ppm
S	Sulphur	0.01	pct
Sb	Antimony	0.02	ppm
Sc	Scandium	0.1	ppm
Se	Selenium	0.1	ppm
Sr	Strontium	0.5	ppm
Te	Tellurium	0.02	ppm
Th	Thorium	0.1	ppm
Ti	Titanium	0.001	pct
Tl	Thallium	0.02	ppm
U	Uranium	0.1	ppm
V	Vanadium	2	ppm
W	Tungsten	0.2	ppm
Zn	Zinc	0.1	ppm

PRESENTATION AND INTERPRETATION OF GOLD DATA

The following discussion reviews the format used to present the gold geochemical data and outlines some important points to consider when interpreting these data. This discussion is included in recognition of the special geochemical behaviour and mode of occurrence of gold in nature and the resultant difficulties in obtaining and analyzing samples reflecting the true concentration level at a given site.

An appropriate interpretation of geochemical gold data from regional till surveys requires an appreciation of the unique chemical and physical characteristics of gold and its mobility in the surficial environment. Key properties of gold that distinguish its geochemical behaviour from most other elements include:

1. Gold occurs most commonly in the native form, which is chemically and physically resistant. A significant proportion of the metal is dispersed in a micron-sized particulate form, and the high specific gravity of gold results in a heterogeneous distribution.

2. Gold typically occurs at low concentrations, in the parts per billion (ppb) range. Whereas gold concentrations of only a few parts per million (ppm) may represent economic deposits, background levels in tills seldom exceed 10 ppb, and commonly are near the detection limit of 2 ppb.

These factors result in a particle sparsity effect wherein very low concentrations of gold are heterogeneously enriched or depleted in the surficial environment. Hence, a major problem facing the geochemist is to obtain a representative sample. In general, areas where concentrations of gold in sediments are low, and/or grain sizes of the gold present are relatively high, require proportionally larger samples to reduce the variability between subsample analytical values. Conversely, as actual gold concentrations increase, or grain size decreases, the number of gold particles to be split between random subsamples increases and the variability of results decreases. The limited amount of material collected during the rapid, reconnaissance-style regional surveys and the need to analyze for a broad spectrum of elements, precludes the use of a significantly large sample weight for the gold analyses. Therefore, to obtain representative samples, sieving of the dried sediments is employed to reduce grain size.

The following control methods are currently applied to evaluate and monitor the sampling and analytical variability, which are inherent in the analysis of gold in geochemical media.

For each block of 20 samples:

a) Random insertion of a standard reference sample to control analytical accuracy and long-term precision;

(b) Collection of a field duplicate (two samples from one site) to measure sampling and analytical variance;

(c) Analysis of a second subsample (blind duplicate) from one sample to measure and control short-term precision or analytical variance.

In summary, geochemical follow-up investigations for gold should be based on a careful consideration of all geological and geochemical information, and especially a careful appraisal of gold geochemical data and its variability. In some instances, pathfinder element associations in favourable geology may indirectly identify prospective follow-up areas, even though an anomalous gold response due to natural variability may be lacking.

Once an anomalous area has been identified, field investigations should be designed to include detailed geochemical follow-up surveys and collection of large representative samples. Subsequent repeat subsample analyses will increase the reliability of results and permit a better understanding of natural variability which can then be used to improve sampling methods and interpretation.

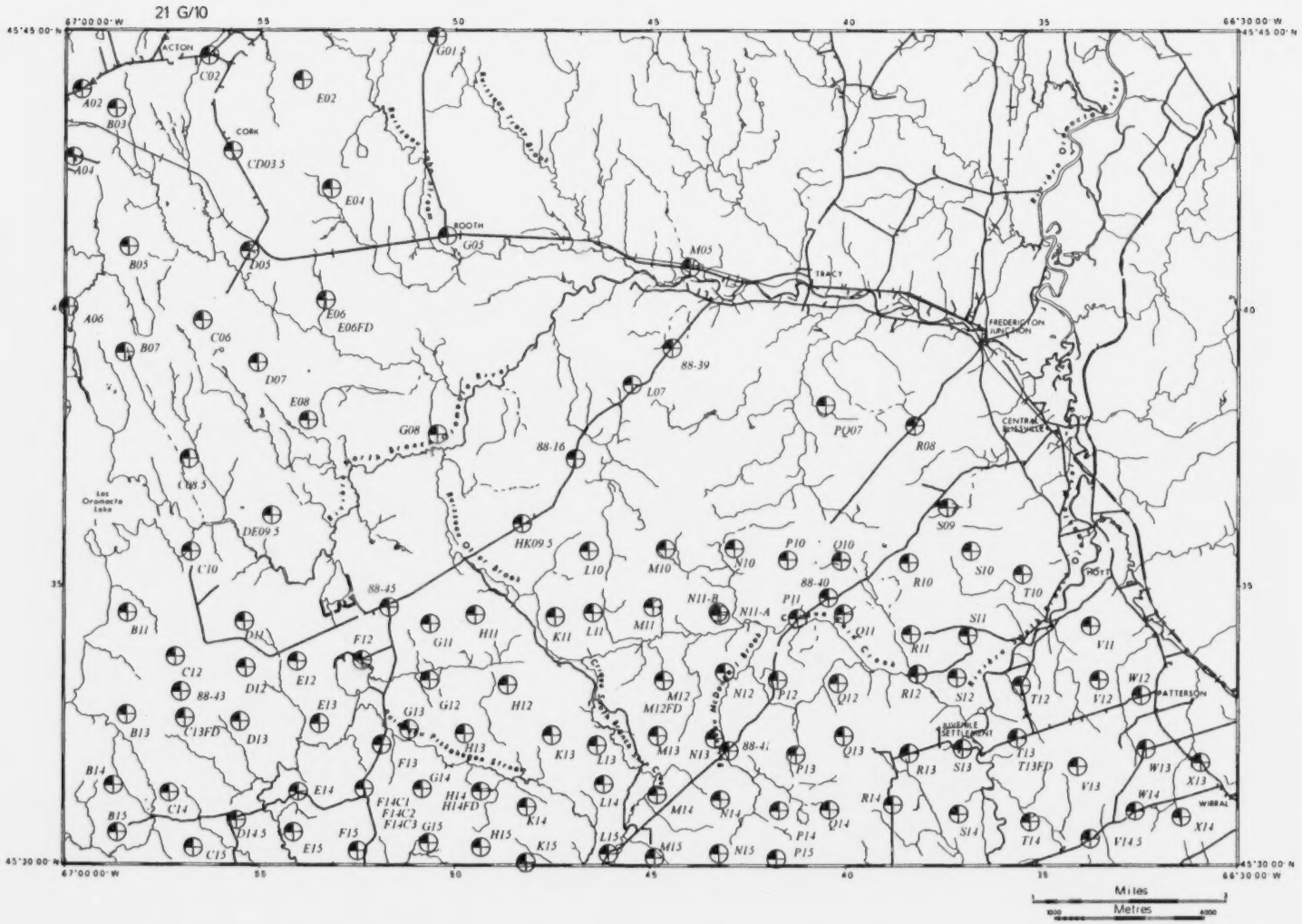
REFERENCE

Friske P.W.B., Pronk A.G., McCurdy M.W., Day S.J.A., McNeil R.J., Boldon R. 2002: Regional Stream Sediment and Water Geochemical Data, Central New Brunswick (NTS 21 J/06 and 21 J/10); Geological Survey of Canada, Open File 4112 / New Brunswick Department of Natural Resources and Energy, Open File 2002-1.

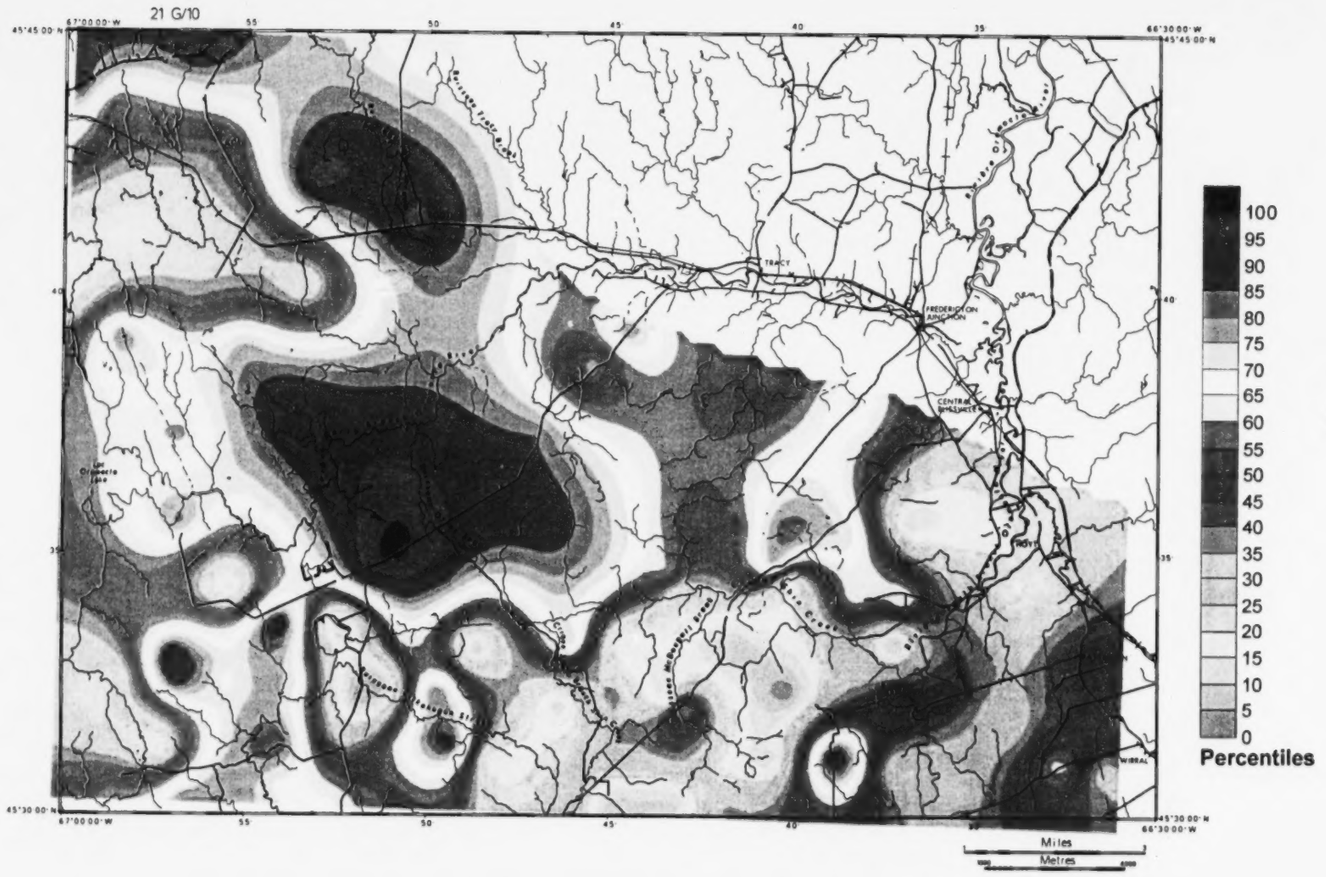
Appendix 1.

Till Sample Site Locations and Colour Contour Plots,

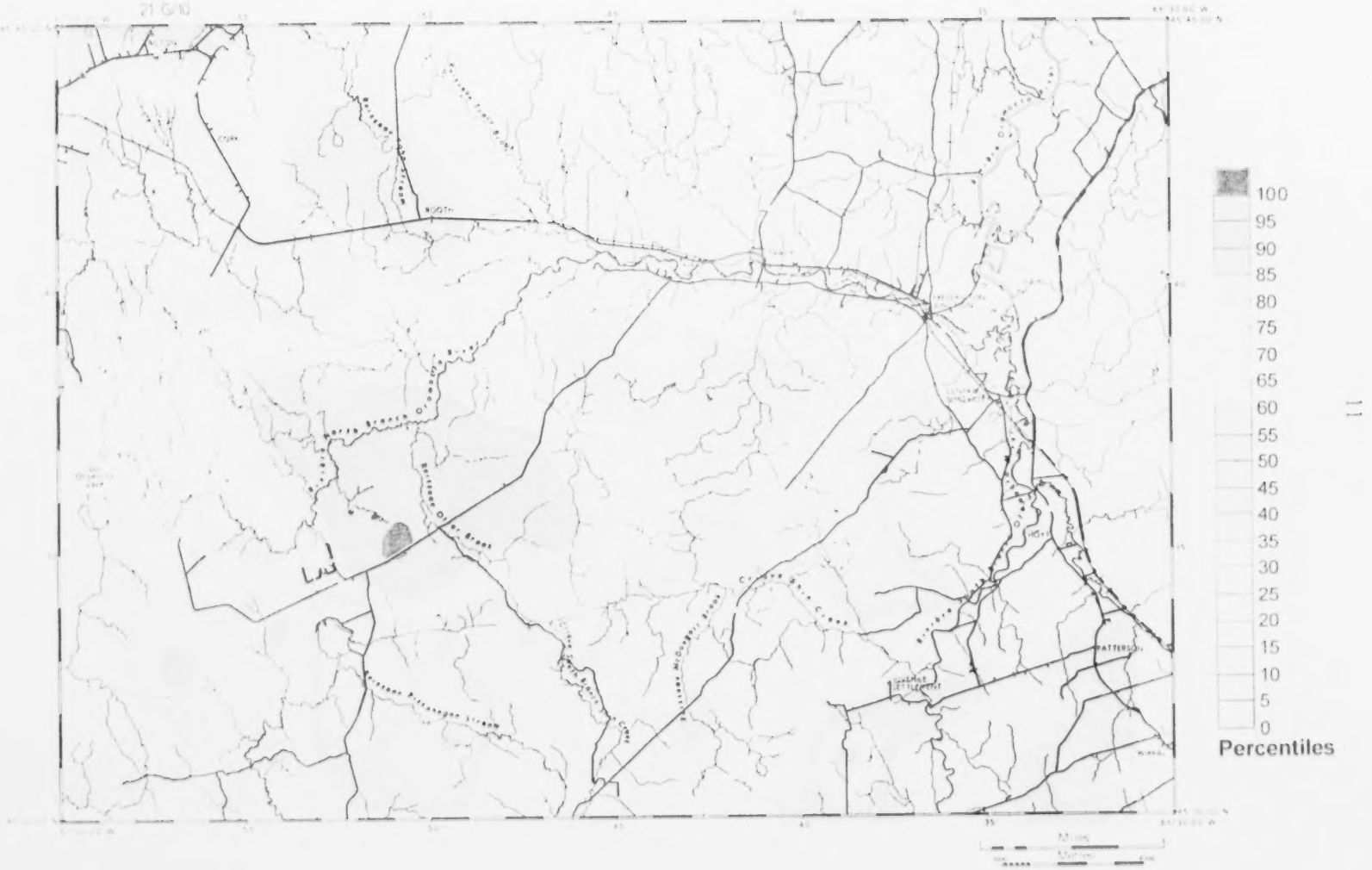
Fredericton Junction Map Area (NTS 21 G/10)



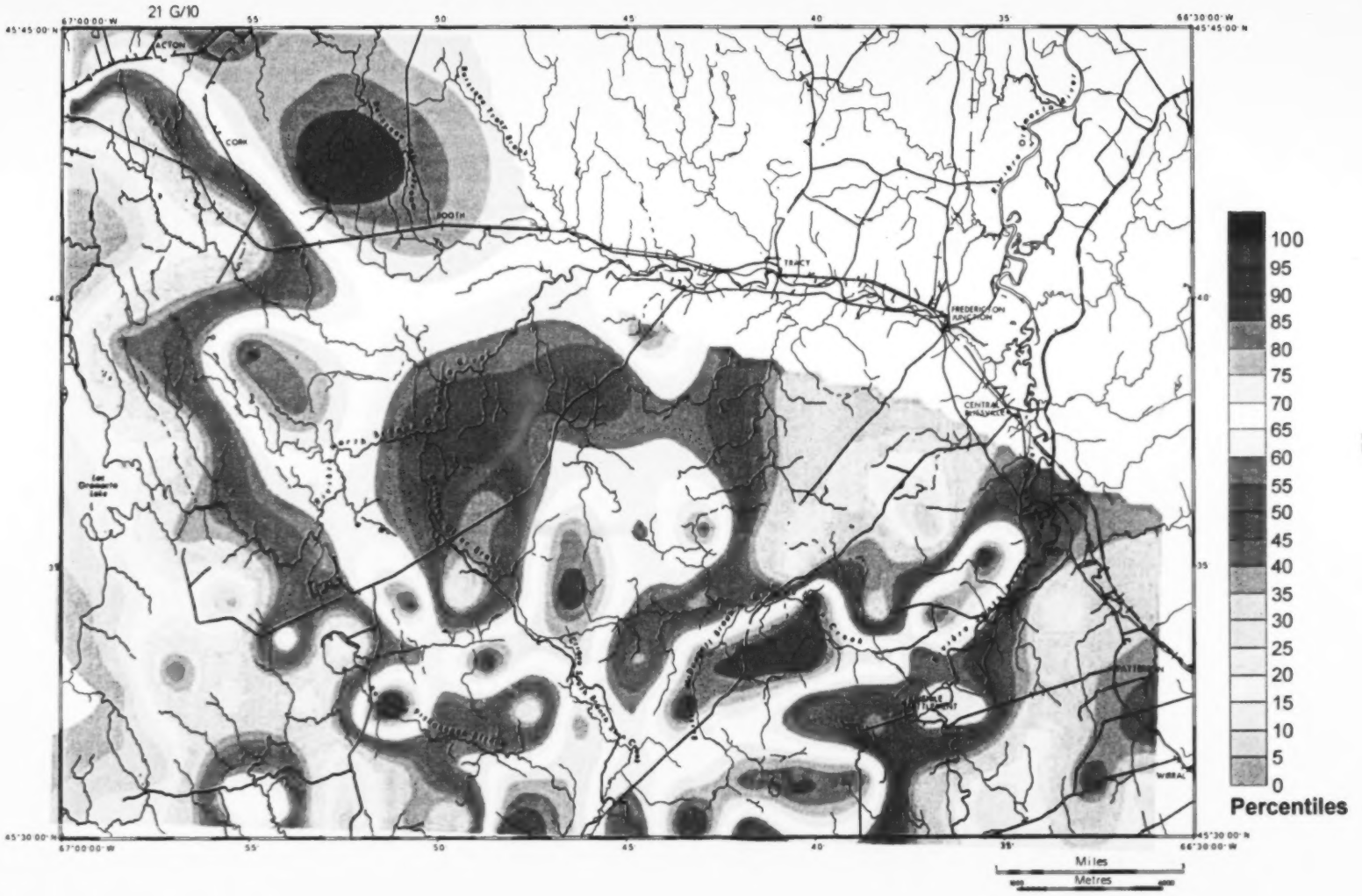
Till sample site locations in the Fredericton Junction map area (NTS 21 G/10), New Brunswick



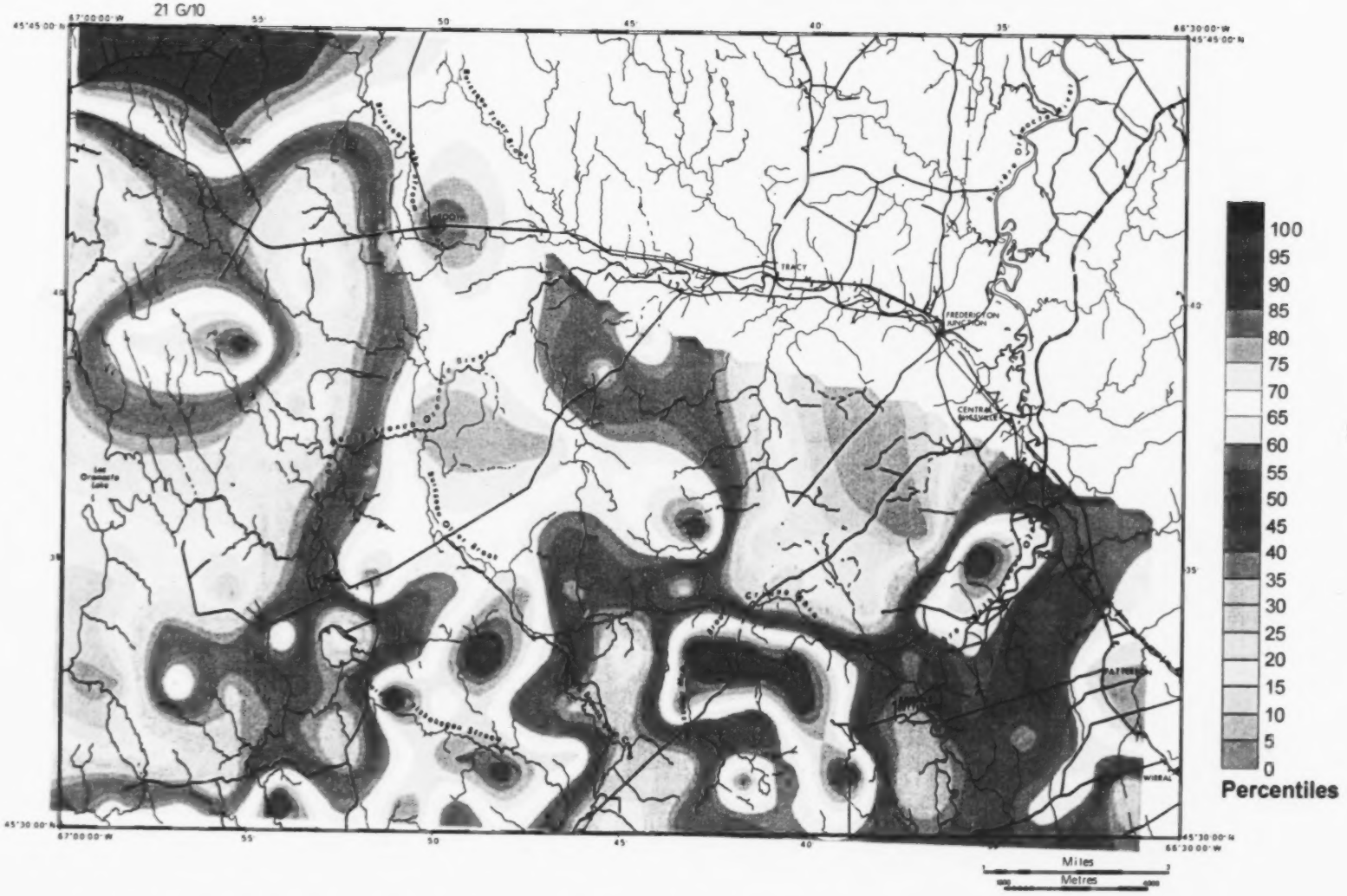
Copper in till in the Fredericton Junction map area (NTS 21 G/10), New Brunswick



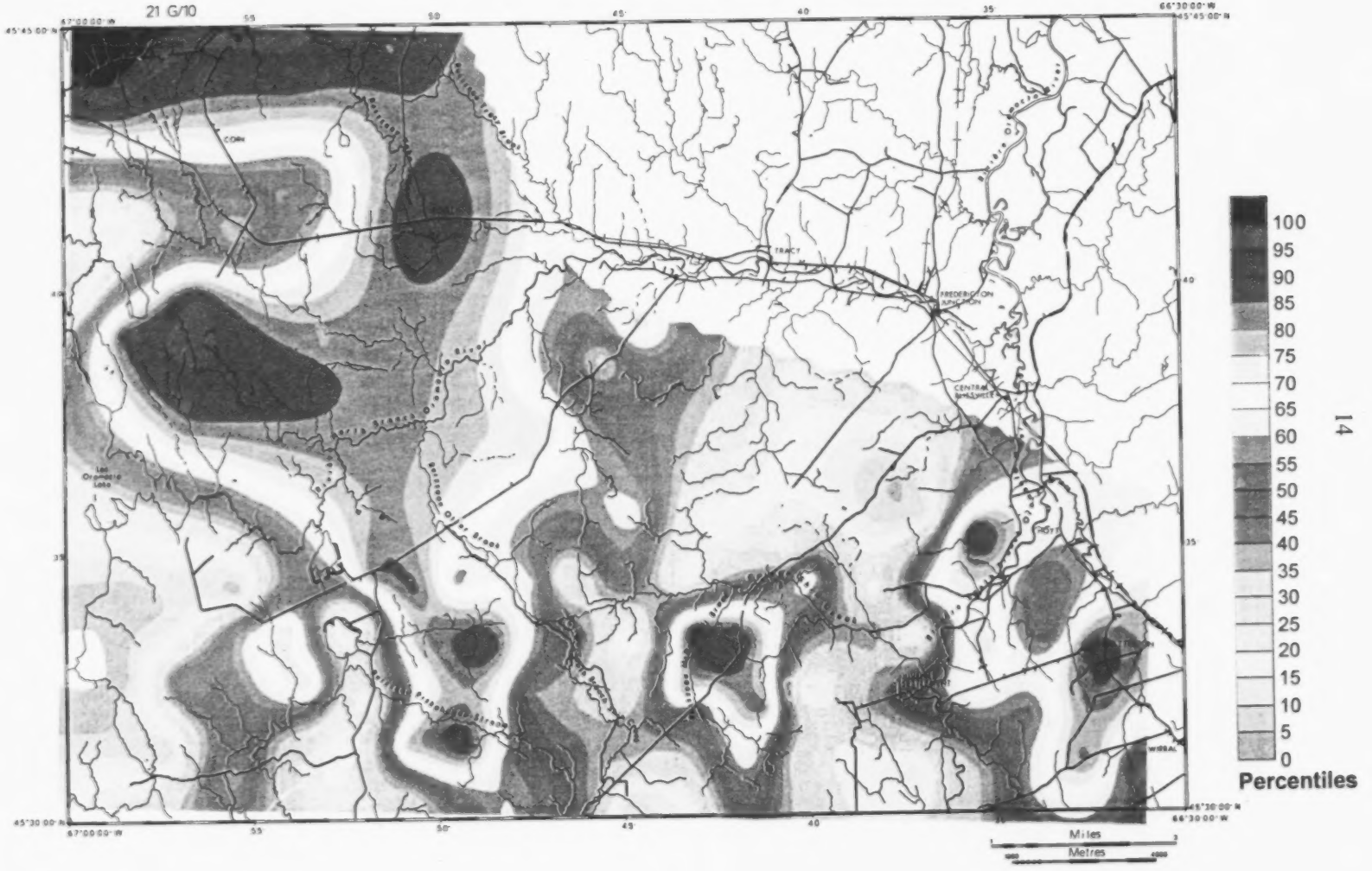
Copper in till in the Fredericton Junction map area (NTS 21 G/10), New Brunswick



Lead in till in the Fredericton Junction map area (NTS 21 G/10), New Brunswick



Arsenic in till in the Fredericton Junction map area (NTS 21 G/10), New Brunswick



Antimony in till in the Fredericton Junction map area (NTS 21 G/10), New Brunswick

Appendix 2.

Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

Becquerel LABORATORIES
6790 Kitimat Rd, Unit #4
Mississauga, ON,Canada,L5N 5L9
Ph: (905) 826-3080 Fax : (905) 826-4151
email : ballen@becquerellabs.com

T02-00705.0
Analysis performed by Neutron Activation (Method BQ-NAA-1)
A negative result denotes "Less Than"
Note: Samples # 30,144 have an elevated Te detection limit due to high As.

	UTM Eastings	UTM Northings	Sb	As	Ba	Br	Cd	Ce	Cs	Cr	Co	Eu
	NAD27 (m)	NAD27 (m)	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
FJ02A02	0656061	5066079	2.7	17.0	470	2.1	-5	88	6.6	95	17	2
FJ02A04	0655853	5063795	1.4	11.0	420	3.6	-5	92	6.3	110	15	2
FJ02A06	0655819	5058803	0.7	7.1	310	17.0	-5	78	4.6	77	8	-1
FJ02B03	0657236	5065475	2.3	15.0	380	6.0	-5	86	7.7	74	11	2
FJ02B05	0657777	5060867	1.0	10.0	410	1.7	-5	82	5.3	96	10	1
FJ02B07	0657737	5057342	1.7	15.0	480	2.3	-5	92	7.6	100	16	2
FJ02B11	0658085	5048630	0.7	8.0	420	12.0	-5	81	5.8	110	11	2
FJ02B13	0658151	5045248	0.8	7.3	350	2.3	-5	120	3.9	94	13	3
FJ02B14	0657780	5042905	0.9	8.6	330	16.0	-5	110	4.4	100	10	2
FJ02B15	0657942	5041299	0.9	11.0	390	10.0	-5	100	6.6	79	14	2
FJ02C02	0660279	5067308	1.8	22.0	480	2.2	-5	94	7.7	100	18	2
FJ02C06	0660310	5058482	2.0	14.0	390	3.5	-5	81	6.8	100	12	-1
FJ02C08.5	0659996	5053840	1.5	12.0	390	2.5	-5	75	6.4	94	12	2
FJ02C10	0660150	5050709	0.9	9.1	400	1.8	-5	95	5.1	100	14	2
FJ02C12	0659733	5047203	0.9	12.0	430	13.0	-5	83	5.8	72	11	1
FJ02C13	0660105	5045201	1.2	15.0	510	1.7	-5	91	6.6	110	16	2
FJ02C13FD	0660105	5045201	1.1	14.0	490	1.9	-5	96	6.8	110	14	2
FJ02C14	0659650	5042707	0.8	8.4	360	29.0	-5	91	4.7	91	12	2
FJ02C15	0660503	5040866	1.0	13.0	450	6.8	-5	140	6.5	94	15	1
FJ02CD03.5	0661159	5064143	1.3	17.0	390	16.0	-5	100	5.8	93	15	1
FJ02D05	0661799	5060836	1.1	11.0	360	11.0	-5	78	5.8	87	11	1
FJ02D07	0662193	5057125	1.7	22.0	450	3.5	-5	96	7.2	92	16	2
FJ02D11	0662001	5048453	0.6	5.9	370	14.0	-5	78	4.2	100	9	1
FJ02D12	0662095	5046904	1.2	12.0	370	9.3	-5	85	5.1	83	13	2
FJ02D13	0661951	5045140	1.2	10.0	400	3.2	-5	72	6.3	85	12	1
FJ02D14.5	0661924	5041833	1.5	14.0	370	7.7	-5	120	6.7	93	12	-1
FJ02DE09.5	0662807	5052020	1.6	12.0	440	2.7	-5	71	6.3	86	13	2
FJ02E02	0663410	5066595	1.6	17.0	410	1.7	-5	97	6.1	110	17	2
FJ02E04	0664470	5062977	1.3	10.0	490	9.0	-5	100	13.0	100	24	3
FJ02E06	0664389	5059266	1.5	9.5	500	1.8	-5	64	7.9	92	18	2
FJ02E06FD	0664389	5059266	1.5	9.4	470	2.2	-5	67	7.8	85	17	2
FJ02E08	0663922	5055230	2.1	8.2	460	2.2	-5	58	7.6	78	18	1
FJ02E12	0663795	5047161	1.3	14.0	450	3.8	-5	90	6.8	96	16	2
FJ02E13	0664598	5045146	1.4	12.0	370	3.3	-5	90	5.3	91	13	1
FJ02E14	0663959	5042861	1.0	11.0	410	3.5	-5	85	6.0	73	13	2
FJ02E15	0663835	5041475	1.1	20.0	390	9.3	-5	100	5.4	82	12	2
FJ02F12	0665961	5047257	0.9	8.0	360	5.3	-5	69	4.5	63	7	1

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

	UTM Eastings	UTM Northings	Sb	As	Ba	Br	Cd	Ce	Cs	Cr	Co	Eu
	NAD27 (m)	NAD27 (m)	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
FJ02F13	0666692	5044518	1.1	13.0	320	11.0	-5	97	24.0	77	9	2
FJ02F14C1	0666148	5043021	1.8	17.0	440	1.8	-5	92	7.3	90	17	3
FJ02F14C2	0666148	5043021	7.7	15.0	2100	14.0	-5	49	1.5	99	16	2
FJ02F14C3	0666148	5043021	1.0	10.0	380	5.2	-5	86	4.9	98	16	2
FJ02F15	0665994	5040916	1.0	13.0	340	53.1	-5	92	4.6	94	11	2
FJ02G01.5	0667833	5068139	1.6	13.0	390	4.9	-5	89	5.4	97	13	1
FJ02G05	0668370	5061522	1.8	18.0	470	0.9	-5	110	7.4	110	18	2
FJ02G08	0668235	5054879	1.5	17.0	490	0.8	-5	78	6.5	87	17	2
FJ02G11	0668191	5048546	1.4	13.0	390	11.0	-5	84	8.4	87	16	-1
FJ02G12	0668221	5046660	1.5	14.0	450	3.6	-5	74	6.6	81	15	2
FJ02G13	0667591	5045036	1.2	35.0	300	6.5	-5	110	52.5	65	8	2
FJ02G14	0668084	5043069	1.7	15.0	390	5.6	-5	91	6.5	94	13	2
FJ02G15	0668347	5041242	1.2	16.0	360	23.0	-5	88	7.1	86	13	1
FJ02H11	0669683	5048886	1.3	14.0	490	2.1	-5	94	7.1	100	16	3
FJ02H12	0670825	5046576	2.3	50.2	510	2.4	-5	110	74.1	70	15	3
FJ02H13	0669442	5044955	1.4	14.0	480	1.9	-5	82	7.4	98	17	2
FJ02H14	0670040	5043045	1.6	16.0	470	1.6	-5	99	7.5	100	16	3
FJ02H14FD	0670040	5043045	1.7	18.0	460	1.9	-5	110	7.4	110	19	3
FJ02H15	0670101	5041145	1.2	12.0	390	26.0	-5	66	7.3	90	14	2
FJ02HK09.5	0671148	5051963	1.3	15.0	480	1.8	-5	100	6.9	95	18	3
FJ02K11	0672341	5048892	1.3	16.0	380	5.3	-5	86	5.8	87	18	3
FJ02K13	0672344	5044984	1.3	15.0	420	7.0	-5	76	9.1	89	14	1
FJ02K14	0671581	5042548	1.2	19.0	290	39.0	-5	110	16.0	77	11	2
FJ02K15	0671616	5040682	1.3	15.0	310	19.0	-5	170	10.0	76	12	1
FJ02L07	0674658	5056736	1.2	13.0	440	3.1	-5	78	5.7	91	16	2
FJ02L10	0673400	5051097	1.4	15.0	530	1.6	-5	78	8.6	110	20	1
FJ02L11	0673594	5049063	1.1	12.0	370	7.0	-5	91	5.8	89	17	2
FJ02L13	0673858	5044695	1.2	13.0	320	6.0	-5	140	7.5	78	10	3
FJ02L14	0674124	5043398	1.2	15.0	320	24.0	-5	120	5.9	66	13	2
FJ02L15	0674353	5041049	1.2	12.0	350	2.7	-5	100	6.3	71	13	2
FJ02M05	0676471	5060703	1.2	12.0	420	2.1	-5	65	6.7	85	14	-1
FJ02M10	0675948	5051237	1.3	14.0	440	1.5	-5	85	6.5	110	18	2
FJ02M11	0675593	5049313	1.3	14.0	440	4.4	-5	65	6.5	110	16	2
FJ02M12	0676021	5046867	1.1	10.0	380	2.7	-5	74	5.5	100	16	2
FJ02M12FD	0676021	5046867	1.1	12.0	440	2.2	-5	75	6.4	96	16	2
FJ02M13	0675871	5045066	1.2	13.0	400	2.1	-5	110	5.2	99	16	3
FJ02M14	0675912	5043090	1.3	12.0	390	2.9	-5	100	7.8	88	14	2
FJ02M15	0675894	5040965	0.9	10.0	420	4.3	-5	65	5.3	91	15	-1
FJ02N10	0678229	5051321	1.0	21.0	290	7.5	-5	73	7.0	100	15	2
FJ02N11-A	0677838	5049117	1.0	13.0	330	6.2	-5	85	5.7	87	12	2
FJ02N11-B	0677765	5049209	1.2	12.0	380	3.6	-5	84	6.3	97	18	2
FJ02N12	0678041	5047197	2.0	29.0	340	5.2	-5	120	15.0	87	12	2
FJ02N13	0677770	5045035	1.8	20.0	340	4.4	-5	150	13.0	71	16	2
FJ02N14	0678018	5042983	1.3	13.0	410	2.4	-5	120	7.9	91	18	1
FJ02N15	0678027	5041166	1.2	14.0	240	18.0	-5	150	5.0	80	9	2
FJ02P10	0680012	5050993	1.1	11.0	380	3.0	-5	81	6.1	93	17	1
FJ02P11	0680398	5049077	1.2	11.0	430	1.2	-5	91	7.2	87	15	2
FJ02P12	0679802	5046990	2.0	30.0	340	7.0	-5	150	23.0	78	14	2
FJ02P13	0680478	5044587	1.8	14.0	380	2.9	-5	110	13.0	85	15	2
FJ02P14	0679979	5042672	1.4	19.0	320	10.0	-5	100	9.0	86	17	-1

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

	UTM Eastings	UTM Northings	Sb	As	Ba	Br	Cd	Ce	Cs	Cr	Co	Eu
	NAD27 (m)	NAD27 (m)	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
FJ02P15	0679939	5041048	1.3	13.0	430	2.9	-5	100	6.4	87	16	1
FJ02PQ07	0681104	5056234	1.0	9.3	490	2.1	-5	82	6.3	84	16	2
FJ02Q10	0681788	5051021	1.3	11.0	400	2.2	-5	80	6.7	75	17	2
FJ02Q11	0681922	5049273	1.6	11.0	380	9.3	-5	170	53.9	69	15	2
FJ02Q12	0681805	5046948	1.3	29.0	320	13.0	-5	150	15.0	74	13	2
FJ02Q13	0682049	5045240	1.1	26.0	330	8.0	-5	76	10.0	95	12	1
FJ02Q14	0681649	5042746	1.2	16.0	340	15.0	-5	110	9.3	83	14	2
FJ02R08	0684083	5055631	1.4	8.5	440	3.6	-5	76	9.0	87	19	-1
FJ02R10	0684032	5051020	1.0	10.0	380	10.0	-5	72	6.5	85	16	2
FJ02R11	0684180	5048651	1.1	10.0	410	2.1	-5	79	6.6	82	18	2
FJ02R12	0684443	5047324	1.2	16.0	390	1.1	-5	85	8.2	87	18	1
FJ02R13	0684241	5044740	1.1	14.0	440	0.9	-5	91	7.5	85	15	3
FJ02R14	0683753	5042978	1.4	27.0	460	13.0	-5	95	8.2	130	23	2
FJ02S09	0685260	5052931	1.0	8.4	380	5.4	-5	87	5.7	98	17	2
FJ02S10	0686096	5051472	1.1	8.0	320	13.0	-5	87	4.9	95	14	2
FJ02S11	0686079	5048672	1.5	20.0	460	-0.5	-5	120	13.0	92	20	4
FJ02S12	0685755	5047248	1.0	13.0	310	17.0	-5	89	8.1	91	12	1
FJ02S13	0686014	5044945	1.3	13.0	380	2.0	-5	110	6.8	92	16	2
FJ02S14	0685952	5042725	1.2	12.0	320	8.6	-5	86	5.4	81	14	1
FJ02T10	0687837	5050755	2.4	47.0	340	3.4	-5	93	15.0	75	16	2
FJ02T12	0687903	5047053	1.5	15.0	390	2.8	-5	110	6.2	96	17	3
FJ02T13	0687826	5045344	1.4	16.0	370	1.2	-5	94	6.3	86	15	1
FJ02T13FD	0687826	5045344	1.4	16.0	370	0.9	-5	89	6.2	75	14	2
FJ02T14	0688348	5042525	1.3	15.0	310	23.0	-5	100	6.4	88	15	2
FJ02V11	0690147	5049114	1.3	14.0	330	1.2	-5	110	5.0	85	13	2
FJ02V12	0690487	5047313	1.2	14.0	370	3.6	-5	84	7.1	96	15	2
FJ02V13	0689861	5044469	1.4	14.0	350	2.4	-5	110	4.9	86	12	2
FJ02V14.5	0690362	5042016	1.5	15.0	410	0.5	-5	94	6.1	92	15	3
FJ02W12	0691913	5046854	1.7	16.0	390	1.0	-5	100	6.5	85	15	3
FJ02W13	0692130	5045120	1.5	16.0	370	1.2	-5	100	7.0	80	14	2
FJ02W14	0691835	5043000	1.6	17.0	410	0.7	-5	92	6.8	84	14	3
FJ02X13	0693963	5044723	1.3	17.0	430	4.6	-5	97	9.3	110	15	2
FJ02X14	0693379	5042835	1.2	11.0	340	1.4	-5	63	5.0	88	14	-1
FJ0288-16	0672850	5054200	1.5	18.0	540	0.8	-5	95	8.7	110	23	2
FJ0288-39	0675950	5058000	1.6	18.0	540	0.6	-5	100	7.8	97	27	3
FJ0288-40	0681400	5049800	1.2	13.0	400	1.8	-5	96	5.9	88	18	2
FJ0288-41	0678250	5044650	1.5	15.0	380	1.3	-5	130	7.9	90	17	2
FJ0288-43	0659950	5046050	1.0	12.0	460	6.4	-5	86	6.2	99	16	1
FJ0288-45	0666800	5049050	1.7	17.0	560	1.6	-5	91	8.9	110	21	2

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

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T02-00705.0
Analysis performed by Neutron Activation (Me
A negative result denotes "Less Than"
Note: Samples # 30,144 have an elevated Te

	UTM Eastings	UTM Northings	Au	Hf	Ir	Fe	La	Lu	Mo	Ni	Rb	Sm
	NAD27 (m)	NAD27 (m)	ppb	ppm	ppb	%	ppm	ppm	ppm	ppm	ppm	ppm
FJ02A02	0656061	5066079	4	11	-50	3.6	46	0.7	-1	42	120	9.0
FJ02A04	0655853	5063795	-2	11	-50	3.3	37	0.6	-1	35	110	6.5
FJ02A06	0655819	5058803	-2	12	-50	2.6	35	0.6	-1	14	81	5.8
FJ02B03	0657236	5065475	-2	9	-50	3.3	35	0.5	-1	29	110	6.7
FJ02B05	0657777	5060867	-2	13	-50	3.0	36	0.4	-1	28	98	6.8
FJ02B07	0657737	5057342	3	10	-50	3.9	43	0.7	-1	43	120	8.3
FJ02B11	0658085	5048630	-2	10	-50	3.6	38	0.5	-1	31	120	6.3
FJ02B13	0658151	5045248	-2	15	-50	2.6	52	0.7	-1	30	79	10.2
FJ02B14	0657780	5042905	-2	20	-50	2.2	45	0.8	-1	22	71	8.2
FJ02B15	0657942	5041299	-2	12	-50	3.3	41	0.7	-1	34	120	7.5
FJ02C02	0660279	5067308	10	9	-50	3.8	49	0.7	-1	45	130	9.0
FJ02C06	0660310	5058482	-2	10	-50	3.2	35	0.5	-1	38	110	6.1
FJ02C08.5	0659996	5053840	3	11	-50	3.3	35	0.6	-1	34	110	5.9
FJ02C10	0660150	5050709	-2	9	-50	3.5	41	0.6	-1	47	100	7.5
FJ02C12	0659733	5047203	-2	10	-50	3.6	37	0.4	-1	39	110	7.7
FJ02C13	0660105	5045201	-2	9	-50	4.5	44	0.6	-1	55	120	8.8
FJ02C13FD	0660105	5045201	3	9	-50	4.1	46	0.7	-1	43	120	8.9
FJ02C14	0659650	5042707	7	17	-50	2.6	42	0.7	-1	35	88	7.9
FJ02C15	0660503	5040866	-2	12	-50	3.6	45	0.7	-1	42	100	8.6
FJ02CD03.5	0661159	5064143	-2	10	-50	3.4	40	0.5	-1	35	99	6.9
FJ02D05	0661799	5060836	-2	11	-50	3.2	34	0.5	-1	32	110	6.0
FJ02D07	0662193	5057125	3	10	-50	3.9	45	0.6	-1	39	130	7.4
FJ02D11	0662001	5048453	-2	12	-50	2.9	36	0.5	-1	25	94	6.6
FJ02D12	0662095	5046904	-2	13	-50	3.2	35	0.6	-1	32	92	6.6
FJ02D13	0661951	5045140	-2	9	-50	3.5	30	0.4	-1	43	110	5.4
FJ02D14.5	0661924	5041833	5	15	-50	3.4	39	0.5	-1	47	110	7.3
FJ02DE09.5	0662807	5052020	-2	11	-50	3.6	31	0.6	-1	44	110	5.5
FJ02E02	0663410	5066595	2	9	-50	3.5	43	0.7	-1	42	110	8.0
FJ02E04	0664470	5062977	-2	6	-50	4.9	33	0.6	-1	55	170	6.0
FJ02E06	0664389	5059266	-2	10	-50	4.3	30	0.6	-1	37	130	5.4
FJ02E06FD	0664389	5059266	-2	10	-50	4.1	32	0.7	-1	36	130	5.6
FJ02E08	0663922	5055230	-2	14	-50	4.0	25	0.8	-1	36	130	4.1
FJ02E12	0663795	5047161	-2	9	-50	4.1	39	0.6	-1	44	110	6.9
FJ02E13	0664598	5045146	-2	13	-50	3.1	39	0.6	-1	33	95	6.8
FJ02E14	0663959	5042861	-2	9	-50	3.7	37	0.4	-1	37	110	6.5
FJ02E15	0663835	5041475	-2	11	-50	3.1	39	0.6	-1	45	100	6.9
FJ02F12	0665961	5047257	-2	13	-50	2.7	33	0.4	-1	22	100	6.1

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

	UTM Eastings	UTM Northings	Au	Hf	Ir	Fe	La	Lu	Mo	Ni	Rb	Sm
	NAD27 (m)	NAD27 (m)	ppb	ppm	ppb	%	ppm	ppm	ppm	ppm	ppm	ppm
FJ02F13	0666692	5044518	-2	17	-50	2.6	37	1.1	-1	30	150	8.3
FJ02F14C1	0666148	5043021	-2	10	-50	3.9	45	0.8	-1	46	110	9.1
FJ02F14C2	0666148	5043021	6	6	-50	4.3	23	0.6	-1	34	38	5.1
FJ02F14C3	0666148	5043021	3	11	-50	3.3	39	0.6	-1	35	84	6.5
FJ02F15	0665994	5040916	3	13	-50	3.3	40	0.7	-1	36	83	7.7
FJ02G01.5	0667833	5068139	3	12	-50	3.3	39	0.6	-1	39	110	6.8
FJ02G05	0668370	5061522	-2	9	-50	4.2	52	0.7	-1	56	130	10.1
FJ02G08	0668235	5054879	-2	8	-50	4.4	40	0.6	-1	43	110	8.2
FJ02G11	0668191	5048546	2	8	-50	4.1	37	0.5	-1	39	110	6.3
FJ02G12	0668221	5046660	-2	8	-50	4.0	33	0.4	-1	45	120	6.3
FJ02G13	0667591	5045036	-2	19	-50	2.5	42	1.4	-1	21	150	10.0
FJ02G14	0668084	5043069	2	11	-50	3.3	39	0.6	-1	35	110	6.9
FJ02G15	0668347	5041242	-2	11	-50	3.7	35	0.6	-1	39	110	6.1
FJ02H11	0669683	5048886	-2	10	-50	4.2	47	0.7	-1	38	130	8.3
FJ02H12	0670825	5046576	4	13	-50	3.3	52	1.0	-1	33	170	10.0
FJ02H13	0669442	5044955	-2	8	-50	4.2	36	0.6	-1	39	120	6.4
FJ02H14	0670040	5043045	2	9	-50	4.1	43	0.7	-1	46	140	7.9
FJ02H14FD	0670040	5043045	3	8	-50	4.3	49	0.8	-1	54	130	9.4
FJ02H15	0670101	5041145	-2	8	-50	4.1	31	0.5	-1	46	120	5.1
FJ02HK09.5	0671148	5051963	3	8	-50	4.4	46	0.8	-1	39	130	10.0
FJ02K11	0672341	5048892	-2	11	-50	4.7	37	0.6	-1	42	110	6.7
FJ02K13	0672344	5044984	-2	11	-50	4.0	36	0.7	-1	33	120	5.8
FJ02K14	0671581	5042548	-2	9	-50	4.0	36	0.7	-1	18	94	6.1
FJ02K15	0671616	5040682	-2	11	-50	3.5	46	0.7	-1	37	110	7.4
FJ02L07	0674658	5056736	3	12	-50	3.9	37	0.6	-1	45	110	6.0
FJ02L10	0673400	5051097	-2	9	-50	5.2	38	0.7	-1	38	140	6.5
FJ02L11	0673594	5049063	-2	11	-50	4.2	41	0.7	-1	35	110	6.6
FJ02L13	0673858	5044695	-2	17	-50	3.1	49	0.9	-1	29	92	8.2
FJ02L14	0674124	5043398	-2	13	-50	3.6	36	0.7	-1	28	85	6.6
FJ02L15	0674353	5041049	-2	10	-50	3.5	41	0.6	-1	34	100	7.0
FJ02M05	0676471	5060703	-2	9	-50	4.0	30	0.5	-1	43	110	5.5
FJ02M10	0675948	5051237	3	9	-50	4.0	38	0.6	-1	57	120	7.1
FJ02M11	0675593	5049313	-2	8	-50	4.1	32	0.6	-1	52	120	4.9
FJ02M12	0676021	5046867	-2	12	-50	4.0	34	0.7	-1	40	110	5.4
FJ02M12FD	0676021	5046867	-2	10	-50	4.1	33	0.6	-1	39	120	5.4
FJ02M13	0675871	5045066	-2	15	-50	4.1	47	0.9	-1	38	97	8.9
FJ02M14	0675912	5043090	-2	9	-50	3.8	44	0.7	-1	24	110	7.1
FJ02M15	0675894	5040965	-2	10	-50	4.1	31	0.6	-1	34	110	4.7
FJ02N10	0678229	5051321	-2	10	-50	4.8	32	0.6	-1	34	100	5.4
FJ02N11-A	0677838	5049117	-2	13	-50	3.9	35	0.7	-1	40	84	6.2
FJ02N11-B	0677765	5049209	-2	14	-50	4.9	36	0.6	-1	39	100	7.1
FJ02N12	0678041	5047197	-2	15	-50	3.2	46	0.9	-1	30	100	8.4
FJ02N13	0677770	5045035	-2	13	-50	3.8	47	0.8	-1	30	120	7.6
FJ02N14	0678018	5042983	-2	10	-50	4.2	50	0.8	-1	34	120	7.4
FJ02N15	0678027	5041166	-2	20	-50	3.1	51	1.1	-1	25	100	10.3
FJ02P10	0680012	5050993	3	11	-50	4.2	38	0.8	-1	32	96	6.5
FJ02P11	0680398	5049077	-2	10	-50	3.9	41	0.7	-1	33	110	7.1
FJ02P12	0679802	5046990	-2	13	-50	3.9	50	0.9	-1	36	120	8.0
FJ02P13	0680478	5044587	-2	12	-50	4.0	50	0.9	-1	29	110	7.7
FJ02P14	0679979	5042672	-2	12	-50	3.8	42	0.6	-1	38	100	6.6

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

	UTM Eastings	UTM Northings	Au	Hf	Ir	Fe	La	Lu	Mo	Ni	Rb	Sm
	NAD27 (m)	NAD27 (m)	ppb	ppm	ppb	%	ppm	ppm	ppm	ppm	ppm	ppm
FJ02P15	0679939	5041048	-2	10	-50	3.9	43	0.7	-1	41	110	7.6
FJ02PQ07	0681104	5056234	-2	7	-50	4.3	37	0.6	-1	48	120	6.3
FJ02Q10	0681788	5051021	-2	11	-50	4.1	37	0.6	-1	39	100	8.0
FJ02Q11	0681922	5049273	6	12	-50	3.7	49	0.8	-1	37	200	7.6
FJ02Q12	0681805	5046948	-2	12	-50	3.8	49	0.9	-1	36	130	7.7
FJ02Q13	0682049	5045240	-2	14	-50	3.6	40	0.8	-1	30	130	7.2
FJ02Q14	0681649	5042746	-2	11	-50	3.7	43	0.7	-1	40	110	7.3
FJ02R08	0684083	5055631	-2	8	-50	4.4	36	0.6	-1	39	140	5.9
FJ02R10	0684032	5051020	-2	9	-50	4.4	36	0.6	-1	34	120	5.7
FJ02R11	0684180	5048651	-2	10	-50	4.2	36	0.7	-1	39	110	6.5
FJ02R12	0684443	5047324	-2	10	-50	4.0	37	0.7	-1	53	120	6.8
FJ02R13	0684241	5044740	-2	9	-50	4.0	50	0.7	-1	29	100	10.9
FJ02R14	0683753	5042978	-2	9	-50	4.7	40	0.4	-1	72	130	7.8
FJ02S09	0685260	5052931	-2	12	-50	4.4	37	0.8	-1	37	110	6.6
FJ02S10	0686096	5051472	-2	17	-50	3.8	42	1.0	-1	36	91	7.4
FJ02S11	0686079	5048672	3	11	-50	4.5	63	1.0	-1	38	140	12.7
FJ02S12	0685755	5047248	-2	16	-50	3.5	39	0.8	-1	33	97	7.0
FJ02S13	0686014	5044945	2	14	-50	3.6	43	0.8	-1	36	100	8.1
FJ02S14	0685952	5042725	-2	13	-50	3.3	38	0.7	-1	31	83	6.6
FJ02T10	0687837	5050755	-2	11	-50	3.7	35	0.7	-1	35	180	5.8
FJ02T12	0687903	5047053	-2	16	-50	3.9	49	0.9	-1	28	95	10.6
FJ02T13	0687826	5045344	-2	11	-50	3.8	39	0.7	-1	35	100	7.3
FJ02T13FD	0687826	5045344	-2	11	-50	3.8	39	0.7	-1	38	97	8.0
FJ02T14	0688348	5042525	4	16	-50	3.9	40	0.6	-1	38	80	7.4
FJ02V11	0690147	5049114	-2	14	-50	3.3	43	1.0	-1	28	79	8.9
FJ02V12	0690487	5047313	-2	10	-50	3.8	38	0.7	-1	38	110	6.9
FJ02V13	0689861	5044469	2	16	-50	3.4	52	1.1	-1	27	87	10.6
FJ02V14.5	0690362	5042016	-2	10	-50	3.9	47	0.9	-1	39	99	9.3
FJ02W12	0691913	5046854	-2	11	-50	3.6	45	0.8	-1	30	95	8.8
FJ02W13	0692130	5045120	-2	11	-50	3.7	39	0.6	-1	32	100	7.0
FJ02W14	0691835	5043000	-2	9	-50	3.9	45	1.0	-1	43	100	9.5
FJ02X13	0693963	5044723	3	9	-50	4.1	44	0.8	-1	45	120	9.2
FJ02X14	0693379	5042835	-2	10	-50	3.8	27	0.4	-1	29	81	4.9
FJ0288-16	0672850	5054200	-2	9	-50	4.8	43	0.7	-1	39	130	7.9
FJ0288-39	0675950	5058000	-2	8	-50	5.0	49	0.8	-1	47	130	10.0
FJ0288-40	0681400	5049800	-2	10	-50	4.5	44	0.8	-1	40	110	7.8
FJ0288-41	0678250	5044650	2	14	-50	4.4	58	1.0	-1	29	110	10.0
FJ0288-43	0659950	5046050	-2	10	-50	4.2	38	0.6	-1	48	120	6.2
FJ0288-45	0666800	5049050	-2	9	-50	4.8	45	0.8	-1	54	130	8.5

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

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T02-00705.0
Analysis performed by Neutron Activation (Me
A negative result denotes "Less Than"
Note: Samples # 30,144 have an elevated Te

	UTM Eastings	UTM Northings	Sc	Se	Ag	Na	Ta	Te	Tb	Th	Sn	Ti
	NAD27 (m)	NAD27 (m)	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
FJ02A02	0656061	5066079	13.0	-5	-2	1.50	1.5	-10	1.3	14.0	-100	5700
FJ02A04	0655853	5063795	12.0	-5	-2	1.40	1.6	-10	0.9	13.0	-100	6000
FJ02A06	0655819	5058803	9.2	-5	-2	0.90	1.4	-10	0.8	11.0	-100	6200
FJ02B03	0657236	5065475	11.0	-5	-2	1.10	1.7	-10	1.1	12.0	-100	6100
FJ02B05	0657777	5060867	11.0	-5	-2	1.40	1.4	-10	1.0	13.0	-100	7000
FJ02B07	0657737	5057342	15.0	-5	-2	1.20	1.7	-10	1.3	14.0	-100	6200
FJ02B11	0658085	5048630	13.0	-5	-2	1.20	1.3	-10	0.8	13.0	-100	6100
FJ02B13	0658151	5045248	13.0	-5	-2	1.60	1.6	-10	1.6	14.0	-100	6800
FJ02B14	0657780	5042905	10.0	-5	-2	1.60	1.7	-10	1.2	17.0	-100	6600
FJ02B15	0657942	5041299	12.0	-5	-2	1.50	1.4	-10	1.1	16.0	-100	5900
FJ02C02	0660279	5067308	15.0	-5	-2	1.30	1.5	-10	1.3	14.0	-100	5600
FJ02C06	0660310	5058482	12.0	-5	-2	1.20	1.5	-10	1.0	14.0	-100	5900
FJ02C08.5	0659996	5053840	13.0	-5	-2	1.10	1.5	-10	0.9	13.0	-100	6000
FJ02C10	0660150	5050709	14.0	-5	-2	1.40	1.3	-10	0.9	13.0	-100	6000
FJ02C12	0659733	5047203	12.0	-5	-2	1.00	1.5	-10	1.2	13.0	-100	7100
FJ02C13	0660105	5045201	16.0	-5	-2	1.40	1.3	-10	1.6	14.0	-100	6100
FJ02C13FD	0660105	5045201	16.0	-5	-2	1.40	1.2	-10	1.4	14.0	-100	6100
FJ02C14	0659650	5042707	11.0	-5	-2	1.60	1.7	-10	1.3	16.0	-100	6500
FJ02C15	0660503	5040866	14.0	-5	-2	1.60	1.4	-10	1.3	17.0	-100	6000
FJ02CD03.5	0661159	5064143	12.0	-5	-2	1.30	1.5	-10	1.0	14.0	-100	5900
FJ02D05	0661799	5060836	12.0	-5	-2	1.10	1.5	-10	1.0	13.0	-100	6100
FJ02D07	0662193	5057125	13.0	-5	-2	1.10	1.5	-10	1.3	14.0	-100	6100
FJ02D11	0662001	5048453	11.0	-5	-2	1.40	1.3	-10	1.0	11.0	-100	6200
FJ02D12	0662095	5046904	12.0	-5	3	1.20	1.3	-10	1.1	13.0	-100	6200
FJ02D13	0661951	5045140	12.0	-5	-2	0.95	1.4	-10	0.8	12.0	-100	6100
FJ02D14.5	0661924	5041833	11.0	-5	-2	1.20	1.6	-10	1.1	15.0	-100	6900
FJ02DE09.5	0662807	5052020	13.0	-5	-2	0.91	1.7	-10	1.0	13.0	-100	7200
FJ02E02	0663410	5066595	14.0	-5	-2	1.20	1.6	-10	1.1	13.0	-100	6400
FJ02E04	0664470	5062977	18.0	-5	-2	0.57	1.4	-10	1.1	12.0	-100	6700
FJ02E06	0664389	5059266	17.0	-5	-2	0.86	1.5	-10	1.0	12.0	-100	7400
FJ02E06FD	0664389	5059266	16.0	-5	-2	0.86	1.6	-10	1.1	11.0	-100	7300
FJ02E08	0663922	5055230	15.0	-5	-2	1.00	1.5	-10	0.9	12.0	-100	7200
FJ02E12	0663795	5047161	15.0	-5	-2	1.20	1.5	-10	1.2	14.0	-100	5900
FJ02E13	0664598	5045146	12.0	-5	-2	1.30	1.5	-10	1.1	14.0	-100	6300
FJ02E14	0663959	5042861	13.0	-5	-2	1.20	1.4	-10	0.9	13.0	-100	5900
FJ02E15	0663835	5041475	11.0	-5	-2	1.30	1.3	-10	1.2	13.0	-100	6300
FJ02F12	0665961	5047257	10.0	-5	-2	1.00	1.6	-10	0.9	11.0	-100	7600

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

	UTM Eastings	UTM Northings	Sc	Se	Ag	Na	Ta	Te	Tb	Th	Sn	Ti
	NAD27 (m)	NAD27 (m)	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
FJ02F13	0666692	5044518	10.0	-5	-2	1.00	4.1	-10	1.5	18.0	-100	6400
FJ02F14C1	0666148	5043021	14.0	-5	-2	1.20	1.5	-10	1.5	14.0	-100	6000
FJ02F14C2	0666148	5043021	14.0	-5	-2	2.09	0.6	-10	0.8	3.9	-100	4900
FJ02F14C3	0666148	5043021	12.0	-5	-2	1.40	1.4	-10	1.0	13.0	-100	6600
FJ02F15	0665994	5040916	12.0	-5	-2	1.30	1.4	-10	1.2	14.0	-100	6000
FJ02G01.5	0667833	5068139	12.0	-5	-2	1.30	1.5	-10	1.1	14.0	-100	6100
FJ02G05	0668370	5061522	15.0	-5	-2	1.10	1.2	-10	1.6	13.0	-100	5900
FJ02G08	0668235	5054879	15.0	-5	-2	0.90	1.2	-10	1.3	12.0	-100	6100
FJ02G11	0668191	5048546	13.0	-5	-2	0.48	1.4	-10	1.1	13.0	-100	7500
FJ02G12	0668221	5046660	13.0	-5	-2	0.78	1.6	-10	1.0	13.0	-100	7300
FJ02G13	0667591	5045036	8.9	-5	2	0.94	5.1	-10	2.3	20.0	-100	6500
FJ02G14	0668084	5043069	12.0	-5	-2	1.10	1.4	-10	1.1	14.0	-100	6700
FJ02G15	0668347	5041242	12.0	-5	-2	1.00	1.6	-10	1.1	13.0	-100	6300
FJ02H11	0669683	5048886	16.0	-5	-2	0.76	1.4	-10	1.4	12.0	-100	6600
FJ02H12	0670825	5046576	12.0	-5	-2	0.46	2.0	-10	1.7	17.0	-100	6300
FJ02H13	0669442	5044955	16.0	-5	-2	0.79	1.5	-10	1.0	13.0	-100	6500
FJ02H14	0670040	5043045	15.0	-5	-2	1.00	1.4	-10	1.1	13.0	-100	5700
FJ02H14FD	0670040	5043045	15.0	-5	-2	1.00	1.3	-10	1.5	13.0	-100	5700
FJ02H15	0670101	5041145	13.0	-5	-2	0.72	1.5	-10	0.8	11.0	-100	6100
FJ02HK09.5	0671148	5051963	16.0	-5	-2	0.84	1.3	-10	1.3	12.0	-100	6300
FJ02K11	0672341	5048892	14.0	-5	-2	0.79	1.8	-10	1.1	14.0	-100	7700
FJ02K13	0672344	5044984	15.0	-5	-2	0.80	1.5	-10	0.9	13.0	-100	7100
FJ02K14	0671581	5042548	13.0	-5	-2	0.80	1.2	-10	1.1	13.0	-100	5000
FJ02K15	0671616	5040682	11.0	-5	-2	1.00	1.6	-10	1.2	18.0	-100	6100
FJ02L07	0674658	5056736	15.0	-5	-2	0.86	1.5	-10	1.0	13.0	-100	7100
FJ02L10	0673400	5051097	19.0	-5	-2	0.57	1.3	-10	1.0	13.0	-100	6500
FJ02L11	0673594	5049063	15.0	-5	-2	0.61	1.6	-10	1.2	13.0	-100	7500
FJ02L13	0673858	5044695	12.0	-5	-2	1.20	1.8	-10	1.5	16.0	-100	7600
FJ02L14	0674124	5043398	12.0	-5	-2	1.00	1.5	-10	1.0	13.0	-100	6500
FJ02L15	0674353	5041049	12.0	-5	-2	0.84	1.6	-10	1.2	13.0	-100	7200
FJ02M05	0676471	5060703	14.0	-5	-2	0.77	1.6	-10	1.0	12.0	-100	7500
FJ02M10	0675948	5051237	15.0	-5	-2	0.84	1.3	-10	1.1	12.0	-100	6400
FJ02M11	0675593	5049313	15.0	-5	-2	0.63	1.4	-10	0.9	12.0	-100	6100
FJ02M12	0676021	5046867	14.0	-5	-2	0.83	1.5	-10	0.9	12.0	-100	7700
FJ02M12FD	0676021	5046867	16.0	-5	-2	0.78	1.5	-10	1.0	12.0	-100	7400
FJ02M13	0675871	5045066	17.0	-5	-2	0.87	1.6	-10	1.5	14.0	-100	7900
FJ02M14	0675912	5043090	14.0	-5	-2	1.00	1.7	-10	1.2	13.0	-100	7100
FJ02M15	0675894	5040965	14.0	-5	-2	0.72	1.4	-10	0.9	10.0	-100	7100
FJ02N10	0678229	5051321	14.0	-5	-2	0.68	1.2	-10	0.9	11.0	-100	6200
FJ02N11-A	0677838	5049117	12.0	-5	-2	0.73	1.5	-10	1.0	11.0	-100	7400
FJ02N11-B	0677765	5049209	13.0	-5	-2	0.44	1.6	-10	1.0	14.0	-100	8200
FJ02N12	0678041	5047197	12.0	-5	-2	0.84	2.4	-10	1.3	17.0	-100	9000
FJ02N13	0677770	5045035	13.0	-5	-2	0.85	1.9	-10	1.3	16.0	-100	7700
FJ02N14	0678018	5042983	15.0	-5	-2	0.64	1.7	-10	1.3	13.0	-100	7900
FJ02N15	0678027	5041166	11.0	-5	-2	1.10	2.3	-10	1.7	27.6	-100	6900
FJ02P10	0680012	5050993	16.0	-5	-2	0.65	1.6	-10	1.1	12.0	-100	8100
FJ02P11	0680398	5049077	15.0	-5	-2	0.94	1.6	-10	1.2	12.0	-100	6900
FJ02P12	0679802	5046990	13.0	-5	-2	0.89	2.2	-10	1.2	16.0	-100	7200
FJ02P13	0680478	5044587	15.0	-5	-2	0.73	1.9	-10	1.4	13.0	-100	8200
FJ02P14	0679979	5042672	13.0	-5	-2	0.87	1.8	-10	1.0	15.0	-100	7500

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

	UTM Eastings	UTM Northings	Sc	Se	Ag	Na	Ta	Te	Tb	Th	Sn	Ti
	NAD27 (m)	NAD27 (m)	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
FJ02P15	0679939	5041048	15.0	-5	-2	0.95	1.4	-10	1.3	12.0	-100	7400
FJ02PQ07	0681104	5056234	16.0	-5	3	0.73	1.4	-10	1.1	12.0	-100	7500
FJ02Q10	0681788	5051021	15.0	-5	-2	0.43	1.7	-10	1.3	13.0	-100	8800
FJ02Q11	0681922	5049273	13.0	-5	-2	0.36	2.0	-10	1.3	20.6	-100	6300
FJ02Q12	0681805	5046948	11.0	-5	-2	0.71	2.2	-10	1.3	20.4	-100	7000
FJ02Q13	0682049	5045240	12.0	-5	-2	0.74	1.7	-10	1.2	12.0	-100	7800
FJ02Q14	0681649	5042746	12.0	-5	-2	0.76	1.7	-10	1.2	14.0	-100	7500
FJ02R08	0684083	5055631	17.0	-5	-2	0.38	1.5	-10	1.2	14.0	-100	7400
FJ02R10	0684032	5051020	15.0	-5	3	0.38	1.5	-10	1.0	12.0	-100	7500
FJ02R11	0684180	5048651	16.0	-5	-2	0.39	1.7	-10	1.1	12.0	-100	8000
FJ02R12	0684443	5047324	14.0	-5	-2	0.63	1.4	-10	0.9	12.0	-100	7100
FJ02R13	0684241	5044740	13.0	-5	-2	0.62	1.4	-10	2.0	11.0	-100	6800
FJ02R14	0683753	5042978	15.0	-5	-2	0.80	1.4	-10	1.1	14.0	-100	7100
FJ02S09	0685260	5052931	16.0	-5	-2	0.37	1.6	-10	1.2	13.0	-100	9000
FJ02S10	0686096	5051472	13.0	-5	-2	0.41	2.0	-10	1.3	13.0	-100	8700
FJ02S11	0686079	5048672	16.0	-5	-2	0.39	1.7	-10	2.1	14.0	-100	7000
FJ02S12	0685755	5047248	11.0	-5	-2	0.77	1.9	-10	1.1	14.0	-100	7500
FJ02S13	0686014	5044945	13.0	-5	-2	1.10	1.6	-10	1.4	14.0	-100	7100
FJ02S14	0685952	5042725	12.0	-5	-2	0.88	1.6	-10	1.2	12.0	-100	7700
FJ02T10	0687837	5050755	13.0	-5	-2	0.37	1.8	-10	1.0	17.0	-100	6800
FJ02T12	0687903	5047053	15.0	-5	-2	1.00	1.9	-10	1.8	14.0	-100	7800
FJ02T13	0687826	5045344	13.0	-5	-2	0.69	1.5	-10	1.3	13.0	-100	6900
FJ02T13FD	0687826	5045344	13.0	-5	-2	0.71	1.5	-10	1.3	13.0	-100	7300
FJ02T14	0688348	5042525	11.0	-5	-2	1.10	1.8	-10	1.3	14.0	-100	7600
FJ02V11	0690147	5049114	13.0	-5	-2	0.95	1.6	-10	1.3	13.0	-100	7800
FJ02V12	0690487	5047313	15.0	-5	-2	0.88	1.7	-10	1.0	13.0	-100	7200
FJ02V13	0689861	5044469	13.0	-5	-2	1.00	1.7	-10	1.8	14.0	-100	8000
FJ02V14.5	0690362	5042016	14.0	-5	-2	0.92	1.7	-10	1.6	13.0	-100	7400
FJ02W12	0691913	5046854	14.0	-5	-2	0.91	1.4	-10	1.4	12.0	-100	6800
FJ02W13	0692130	5045120	14.0	-5	-2	0.83	1.6	-10	1.1	12.0	-100	7000
FJ02W14	0691835	5043000	14.0	-5	-2	0.94	1.3	-10	1.7	12.0	-100	6200
FJ02X13	0693963	5044723	15.0	-5	-2	0.93	1.6	-10	1.6	14.0	-100	6000
FJ02X14	0693379	5042835	12.0	-5	-2	0.76	1.2	-10	0.9	11.0	-100	6100
FJ0288-16	0672850	5054200	19.0	-5	-2	0.67	1.4	-10	1.2	13.0	-100	6800
FJ0288-39	0675950	5058000	19.0	-5	-2	0.79	1.3	-10	1.4	13.0	-100	6400
FJ0288-40	0681400	5049800	16.0	-5	-2	0.52	1.6	-10	1.2	13.0	-100	7900
FJ0288-41	0678250	5044650	17.0	-5	-2	0.72	2.0	-10	1.7	15.0	-100	8700
FJ0288-43	0659950	5046050	15.0	-5	-2	1.30	1.5	-10	0.9	14.0	-100	5900
FJ0288-45	0666800	5049050	18.0	-5	-2	0.87	1.4	-10	1.3	13.0	-100	6200

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

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T02-00705.0
Analysis performed by Neutron Activation (Me
A negative result denotes "Less Than"
Note: Samples # 30,144 have an elevated Te

	UTM Eastings	UTM Northings	W	U	Yb	Zn	Zr	Wt
	NAD27 (m)	NAD27 (m)	ppm	ppm	ppm	ppm	ppm	grams
FJ02A02	0656061	5066079	2	3.0	3	-100	420	26.69
FJ02A04	0655853	5063795	2	2.9	2	-100	380	33.09
FJ02A06	0655819	5058803	1	3.0	2	-100	450	31.06
FJ02B03	0657236	5065475	2	3.1	2	-100	320	26.73
FJ02B05	0657777	5060867	2	3.3	2	-100	540	30.17
FJ02B07	0657737	5057342	2	3.8	3	-100	370	28.00
FJ02B11	0658085	5048630	2	2.9	2	-100	350	29.01
FJ02B13	0658151	5045248	2	3.3	3	-100	450	29.85
FJ02B14	0657780	5042905	3	4.3	3	-100	540	36.02
FJ02B15	0657942	5041299	3	3.3	2	-100	520	30.50
FJ02C02	0660279	5067308	2	3.1	3	-100	370	29.28
FJ02C06	0660310	5058482	3	3.2	2	-100	300	29.29
FJ02C08.5	0659996	5053840	2	3.0	2	-100	290	27.62
FJ02C10	0660150	5050709	1	2.7	-2	-100	250	25.74
FJ02C12	0659733	5047203	2	3.4	2	-100	540	24.99
FJ02C13	0660105	5045201	2	4.0	3	-100	380	25.54
FJ02C13FD	0660105	5045201	1	3.7	3	-100	370	30.46
FJ02C14	0659650	5042707	3	3.8	3	-100	690	37.69
FJ02C15	0660503	5040866	2	4.5	3	-100	400	29.00
FJ02CD03.5	0661159	5064143	2	3.1	2	-100	250	28.38
FJ02D05	0661799	5060836	2	3.0	3	-100	500	29.17
FJ02D07	0662193	5057125	3	3.7	3	-100	320	27.14
FJ02D11	0662001	5048453	2	3.1	3	-100	520	28.93
FJ02D12	0662095	5046904	2	3.2	2	-100	500	30.60
FJ02D13	0661951	5045140	2	2.9	-2	-100	400	24.54
FJ02D14.5	0661924	5041833	2	3.7	3	-100	590	33.39
FJ02DE09.5	0662807	5052020	2	3.5	2	-100	320	27.39
FJ02E02	0663410	5066595	2	3.2	3	-100	280	27.07
FJ02E04	0664470	5062977	2	3.2	3	-100	210	23.72
FJ02E06	0664389	5059266	2	3.2	2	-100	220	28.08
FJ02E06FD	0664389	5059266	2	3.0	3	-100	500	25.76
FJ02E08	0663922	5055230	2	3.3	3	-100	450	31.97
FJ02E12	0663795	5047161	1	2.9	2	-100	410	27.60
FJ02E13	0664598	5045146	2	3.3	-2	-100	460	28.23
FJ02E14	0663959	5042861	-1	2.9	-2	-100	480	26.42
FJ02E15	0663835	5041475	3	3.1	2	-100	370	30.59
FJ02F12	0665961	5047257	2	3.3	2	-100	540	31.39

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

	UTM Eastings	UTM Northings	W	U	Yb	Zn	Zr	Wt
	NAD27 (m)	NAD27 (m)	ppm	ppm	ppm	ppm	ppm	grams
FJ02F13	0666692	5044518	4	4.3	5	-100	540	26.14
FJ02F14C1	0666148	5043021	2	2.9	3	-100	340	27.45
FJ02F14C2	0666148	5043021	1	3.1	-2	-100	-200	30.16
FJ02F14C3	0666148	5043021	1	3.1	2	-100	520	28.33
FJ02F15	0665994	5040916	2	3.4	3	-100	450	30.98
FJ02G01.5	0667833	5068139	2	3.3	3	-100	440	28.64
FJ02G05	0668370	5061522	2	2.8	3	-100	300	25.50
FJ02G08	0668235	5054879	-1	3.4	3	-100	360	25.39
FJ02G11	0668191	5048546	2	3.3	3	-100	370	24.23
FJ02G12	0668221	5046660	2	3.2	2	110	310	25.36
FJ02G13	0667591	5045036	5	4.9	6	100	500	23.01
FJ02G14	0668084	5043069	2	3.3	3	-100	280	25.77
FJ02G15	0668347	5041242	2	3.1	3	-100	390	26.20
FJ02H11	0669683	5048886	-1	3.3	3	-100	250	25.27
FJ02H12	0670825	5046576	4	3.7	4	-100	510	33.44
FJ02H13	0669442	5044955	2	3.1	3	-100	400	23.99
FJ02H14	0670040	5043045	2	3.0	3	-100	540	24.96
FJ02H14FD	0670040	5043045	2	2.9	3	-100	290	24.29
FJ02H15	0670101	5041145	-1	2.7	2	-100	250	21.20
FJ02HK09.5	0671148	5051963	1	3.0	3	-100	300	27.21
FJ02K11	0672341	5048892	2	3.4	3	-100	440	28.73
FJ02K13	0672344	5044984	2	3.3	2	-100	460	29.76
FJ02K14	0671581	5042548	3	3.4	2	-100	350	20.96
FJ02K15	0671616	5040682	3	3.9	3	-100	410	31.21
FJ02L07	0674658	5056736	2	3.3	3	-100	420	30.32
FJ02L10	0673400	5051097	-1	3.4	3	-100	410	24.25
FJ02L11	0673594	5049063	-1	3.3	3	-100	370	29.32
FJ02L13	0673858	5044695	3	4.4	4	-100	580	36.64
FJ02L14	0674124	5043398	2	3.2	3	-100	530	32.86
FJ02L15	0674353	5041049	-1	3.3	3	-100	390	29.30
FJ02M05	0676471	5060703	2	2.9	2	-100	270	24.42
FJ02M10	0675948	5051237	2	3.2	3	-100	250	24.65
FJ02M11	0675593	5049313	-1	2.8	2	100	420	23.27
FJ02M12	0676021	5046867	2	3.1	2	-100	440	30.09
FJ02M12FD	0676021	5046867	1	3.0	3	-100	370	26.37
FJ02M13	0675871	5045066	2	3.9	4	-100	640	31.57
FJ02M14	0675912	5043090	2	3.2	3	-100	330	29.50
FJ02M15	0675894	5040965	2	3.0	3	-100	290	23.74
FJ02N10	0678229	5051321	1	2.9	2	-100	470	22.50
FJ02N11-A	0677838	5049117	2	3.2	3	-100	550	36.48
FJ02N11-B	0677765	5049209	2	3.9	3	-100	650	27.39
FJ02N12	0678041	5047197	4	4.2	4	-100	610	35.36
FJ02N13	0677770	5045035	3	4.0	3	-100	430	32.75
FJ02N14	0678018	5042983	1	3.6	3	-100	330	24.93
FJ02N15	0678027	5041166	3	6.5	5	-100	680	42.12
FJ02P10	0680012	5050993	1	3.2	3	-100	370	28.88
FJ02P11	0680398	5049077	2	3.1	3	-100	330	27.66
FJ02P12	0679802	5046990	3	4.4	4	-100	580	31.29
FJ02P13	0680478	5044587	3	3.7	4	-100	470	29.66
FJ02P14	0679979	5042672	3	3.7	3	-100	490	30.02

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

	UTM Eastings	UTM Northings	W	U	Yb	Zn	Zr	Wt
	NAD27 (m)	NAD27 (m)	ppm	ppm	ppm	ppm	ppm	grams
FJ02P15	0679939	5041048	2	3.5	3	-100	560	26.66
FJ02PQ07	0681104	5056234	-1	3.0	3	-100	-200	25.70
FJ02Q10	0681788	5051021	2	3.6	3	-100	480	25.05
FJ02Q11	0681922	5049273	7	4.9	4	-100	630	36.94
FJ02Q12	0681805	5046948	3	4.1	3	-100	500	26.94
FJ02Q13	0682049	5045240	3	3.9	4	-100	440	29.83
FJ02Q14	0681649	5042746	3	3.6	3	-100	570	30.34
FJ02R08	0684083	5055631	2	3.5	3	-100	210	27.60
FJ02R10	0684032	5051020	2	3.2	3	-100	310	25.61
FJ02R11	0684180	5048651	2	3.2	3	-100	320	27.14
FJ02R12	0684443	5047324	1	3.0	3	-100	440	25.65
FJ02R13	0684241	5044740	2	2.7	3	-100	360	25.10
FJ02R14	0683753	5042978	2	3.1	-2	-100	380	24.47
FJ02S09	0685260	5052931	2	3.6	3	-100	450	29.03
FJ02S10	0686096	5051472	2	3.8	4	-100	600	34.76
FJ02S11	0686079	5048672	2	4.3	4	-100	420	28.99
FJ02S12	0685755	5047248	2	3.7	3	-100	750	32.32
FJ02S13	0686014	5044945	3	3.7	3	-100	530	33.80
FJ02S14	0685952	5042725	3	3.3	3	-100	440	34.80
FJ02T10	0687837	5050755	2	4.3	3	-100	350	24.90
FJ02T12	0687903	5047053	2	5.3	4	-100	640	31.28
FJ02T13	0687826	5045344	2	3.0	3	-100	370	25.24
FJ02T13FD	0687826	5045344	2	3.2	3	-100	420	27.40
FJ02T14	0688348	5042525	2	3.4	3	-100	510	36.10
FJ02V11	0690147	5049114	2	3.3	4	-100	550	29.98
FJ02V12	0690487	5047313	1	3.2	2	-100	290	26.20
FJ02V13	0689861	5044469	2	4.1	4	-100	660	33.07
FJ02V14.5	0690362	5042016	3	3.2	3	-100	410	24.44
FJ02W12	0691913	5046854	3	3.2	3	-100	530	25.89
FJ02W13	0692130	5045120	2	3.0	3	-100	410	25.51
FJ02W14	0691835	5043000	2	2.9	4	-100	380	26.32
FJ02X13	0693963	5044723	2	3.3	4	-100	360	24.71
FJ02X14	0693379	5042835	2	2.5	2	-100	290	26.81
FJ0288-16	0672850	5054200	2	3.0	3	-100	280	25.39
FJ0288-39	0675950	5058000	2	2.9	3	-100	420	25.20
FJ0288-40	0681400	5049800	2	3.2	3	-100	440	23.99
FJ0288-41	0678250	5044650	1	4.2	4	-100	720	33.73
FJ0288-43	0659950	5046050	1	3.0	2	-100	350	25.56
FJ0288-45	0666800	5049050	2	3.1	3	-100	410	24.33

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)25
DNRE - Minerals Division
Acme file # A300127 Received: JAN 17 2003 * 248 samples in this disk file.
Analysis: GROUP 1F5 - 5.00 GM

	UTM Eastings	UTM Northings	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe
	NAD27 (m)	NAD27 (m)	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%
FJ02A02	0656061	5066079	0.48	23.56	16.24	60.8	17	38.3	14.4	817	2.93
FJ02A04	0655853	5063795	0.26	17.14	10.5	44.5	9	32.7	12.1	532	2.48
FJ02A06	0655819	5058803	0.24	9.55	6.32	28.3	104	14.4	5.7	158	2
FJ02B03	0657236	5065475	0.35	15.89	11.8	49	15	28.8	11.2	498	2.61
FJ02B05	0657777	5060867	0.24	11.42	8.46	35.7	6	27.4	10.1	381	2.34
FJ02B07	0657737	5057342	0.42	21.49	12.42	53.5	28	40	15.4	783	3.03
FJ02B11	0658085	5048630	0.36	15.91	9.82	61.6	29	36.3	10.6	378	2.73
FJ02B13	0658151	5045248	0.38	12.74	8.3	35.4	6	26.1	11.1	349	2.1
FJ02B14	0657780	5042905	0.25	13.05	9.52	28.1	22	19.3	7.6	188	1.57
FJ02B15	0657942	5041299	0.29	16.12	10.55	52.3	15	31.4	10.7	542	2.55
FJ02C02	0660279	5067308	0.68	25.85	16.76	61.4	14	43.7	14.6	759	3.24
FJ02C06	0660310	5058482	0.6	15.28	12.53	47.1	6	34.4	10.7	356	2.6
FJ02C08.5	0659996	5053840	0.27	16.6	11.27	47.4	7	32.1	10.7	441	2.59
FJ02C10	0660150	5050709	0.31	22.3	12.35	57.3	14	41.6	14	756	2.99
FJ02C12	0659733	5047203	0.66	16.3	11.69	54.9	10	33.8	10	332	2.71
FJ02C13	0660105	5045201	0.57	27.73	12.22	72.3	14	44.6	13	686	3.55
FJ02C13FD	0660105	5045201	0.52	28.82	11.46	69.9	14	45.8	13.2	655	3.45
FJ02C14	0659650	5042707	0.24	9.7	8.8	38.8	16	27.1	9.5	216	1.9
FJ02C15	0660503	5040866	0.55	21.98	11.94	60	15	45.5	14.2	762	2.92
FJ02CD03.5	0661159	5064143	0.44	15.39	14.7	52.2	34	34.2	12.9	397	2.59
FJ02D05	0661799	5060836	0.41	13.16	10.69	56.1	15	30.7	9.9	268	2.48
FJ02D07	0662193	5057125	0.85	20.65	17.61	53.9	12	38.9	15.4	667	3.11
FJ02D11	0662001	5048453	0.3	9.09	8.15	53.9	37	33.6	8.2	258	2.3
FJ02D12	0662095	5046904	0.3	17.75	11.61	49.2	10	31.4	11.7	475	2.6
FJ02D13	0661951	5045140	0.36	18.42	11.41	52.2	9	36.4	12.1	424	2.93
FJ02D14.5	0661924	5041833	0.29	20.85	15.12	44.4	125	36	9.1	267	2.46
FJ02DE09.5	0662807	5052020	0.22	20.17	13.59	59.4	8	30.5	11.3	393	2.7
FJ02E02	0663410	5066595	0.38	20.55	16.21	62	8	43.5	14.3	608	2.95
FJ02E04	0664470	5062977	0.43	38.93	25.78	99.1	16	51.5	23.3	868	3.54
FJ02E06	0664389	5059266	0.19	12.72	13.02	60.7	6	29.5	13.4	413	3.03
FJ02E06FD	0664389	5059266	0.19	13.34	11.98	61.1	6	29.2	14.1	409	3.02
FJ02E08	0663922	5055230	0.15	26.68	17.17	59.6	10	30.8	15.3	386	2.65
FJ02E12	0663795	5047161	0.35	27.67	15.31	64.4	13	41.2	14	701	3.32
FJ02E13	0664598	5045146	0.44	19.07	10.89	44.1	8	34.6	12	541	2.62
FJ02E14	0663959	5042861	0.34	22.86	13.06	55.4	8	35.4	11.7	630	3.08
FJ02E15	0663835	5041475	0.42	18.93	14.83	49.9	46	33.8	12.7	529	2.54
FJ02F12	0665961	5047257	0.27	5.88	9.68	41	17	19.1	6.2	202	1.98
FJ02F13	0666692	5044518	0.27	5.75	16.3	43.1	17	20.5	6.5	209	1.73
FJ02F14C1	0666148	5043021	0.33	23.95	15.66	57.7	13	38	13.9	715	3.09
FJ02F14C2	0666148	5043021	1.25	60.51	11.66	72.2	307	23	10	1117	2.44
FJ02F14C3	0666148	5043021	0.3	14.04	9.68	41	11	29.3	12.5	451	2.56
FJ02F15	0665994	5040916	0.48	18.08	9.24	53.2	33	33.1	10.3	373	2.56
FJ02G01.5	0667833	5068139	0.43	17.78	15.13	47	25	35.1	12	452	2.6
FJ02G05	0668370	5061522	0.48	28.27	16.55	66.1	11	48.1	16.5	798	3.58

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

	UTM Eastings	UTM Northings	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe
	NAD27 (m)	NAD27 (m)	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%
FJ02G08	0668235	5054879	0.71	23.03	12.94	64.3	14	38.5	14.9	682	3.48
FJ02G11	0668191	5048546	0.41	24.81	19.17	73.2	54	32.2	17.2	639	3.22
FJ02G12	0668221	5046660	0.33	18.03	13.39	61.9	15	36.4	14.7	527	3.17
FJ02G13	0667591	5045036	0.29	4.91	29.76	62	29	15.6	6	181	1.72
FJ02G14	0668084	5043069	0.35	17.33	12.29	49.2	9	32.2	11.5	404	2.68
FJ02G15	0668347	5041242	0.52	15.96	12.42	60.8	114	33.4	12.9	329	3.13
FJ02H11	0669683	5048886	0.38	22.98	11.18	55.7	7	34.8	14.4	646	3.24
FJ02H12	0670825	5046576	0.34	8.23	20.27	34.9	19	21.1	7.8	431	2.1
FJ02H13	0669442	5044955	0.35	22.31	12.77	55	7	37.6	14	539	3.43
FJ02H14	0670040	5043045	0.38	23.78	14.02	53.5	7	42	13.1	685	3.31
FJ02H14FD	0670040	5043045	0.38	26.36	13.69	58.5	12	46.1	16.6	775	3.36
FJ02H15	0670101	5041145	0.61	16.04	11.56	64.8	16	37.1	12.7	363	3.19
FJ02HK09.5	0671148	5051963	0.39	23.01	12.32	60.6	9	38.3	15.9	678	3.39
FJ02K11	0672341	5048892	0.57	19.73	14.63	54	7	34.9	15.3	596	3.23
FJ02K13	0672344	5044984	0.22	14.46	11.57	46	5	27.9	10.7	358	2.81
FJ02K14	0671581	5042548	1.29	10.22	15.63	99.1	403	20.6	9	316	3.7
FJ02K15	0671616	5040682	0.57	12.75	27.03	45.8	19	26.9	10.7	313	2.42
FJ02L07	0674658	5056736	0.39	14.31	12.45	47.6	3	29.4	10.9	316	2.78
FJ02L10	0673400	5051097	0.27	23.63	17.17	60	4	31.4	16.2	514	3.7
FJ02L11	0673594	5049063	0.24	21.47	20.99	56	7	29.9	14.8	562	3.1
FJ02L13	0673858	5044695	0.37	9.46	16.41	41	7	17.6	8.3	389	2.12
FJ02L14	0674124	5043398	0.53	12.48	15.66	45.5	27	23.6	11.1	349	2.55
FJ02L15	0674353	5041049	0.28	14.39	15.13	49.9	16	24.8	10.6	467	2.6
FJ02M05	0676471	5060703	0.23	13.86	13.23	58.7	6	32.1	12	362	2.95
FJ02M10	0675948	5051237	0.36	19.36	13.58	53.7	5	39.8	14.3	401	2.94
FJ02M11	0675593	5049313	0.49	19.24	14.37	64.4	7	44.3	13.9	368	3.27
FJ02M12	0676021	5046867	0.31	9.73	12.2	54.6	4	26.3	11.9	343	2.85
FJ02M12FD	0676021	5046867	0.24	13.78	12.87	59.7	5	30.2	12.5	376	3.1
FJ02M13	0675871	5045066	0.27	14.69	13.66	54.5	6	29.7	13.1	518	2.92
FJ02M14	0675912	5043090	0.27	14.35	13.86	52	6	28.3	11.3	444	2.69
FJ02M15	0675894	5040965	0.56	6.19	12.56	68.4	8	31	12.5	326	3.15
FJ02N10	0678229	5051321	0.71	15.86	17.45	70.2	143	30.4	13	376	3.79
FJ02N11-A	0677838	5049117	0.29	14.1	11.59	50.2	11	26.7	11.1	449	2.59
FJ02N11-B	0677765	5049209	0.19	16.71	13.74	58.8	5	33	15	418	3.65
FJ02N12	0678041	5047197	0.25	12.34	16.59	40.9	4	20.1	9.5	346	2.09
FJ02N13	0677770	5045035	0.35	9.36	24.3	58.2	14	26	13.3	376	2.6
FJ02N14	0678018	5042983	0.3	15.06	14.95	65.2	5	30.2	14.8	483	3.11
FJ02N15	0678027	5041166	0.45	8.47	29.02	36.6	6	15.8	7.2	255	1.96
FJ02P10	0680012	5050993	0.37	15.76	12.18	57.8	9	26.6	12.8	405	2.9
FJ02P11	0680398	5049077	0.27	15.55	13.18	53	7	27.2	12.5	428	2.75
FJ02P12	0679802	5046990	0.39	8.22	19.81	58	21	21.2	9.3	289	2.71
FJ02P13	0680478	5044587	0.33	11.13	14.32	59.3	8	25.5	12.2	362	2.83
FJ02P14	0679979	5042672	0.41	11.34	17.35	59.7	26	28	13.3	403	2.92
FJ02P15	0679939	5041048	0.55	14.63	12.53	53.5	34	33.2	13.1	462	2.9
FJ02PQ07	0681104	5056234	0.26	15.35	12.02	68.6	6	36.8	14.6	434	3.18
FJ02Q10	0681788	5051021	0.36	22.82	11.58	60.1	6	30.3	14.8	432	3.01
FJ02Q11	0681922	5049273	0.45	10.15	19.95	50.9	37	23.2	9.7	517	2.18
FJ02Q12	0681805	5046948	0.46	10.41	25.87	55	11	24.8	10.3	416	2.91
FJ02Q13	0682049	5045240	0.71	5.26	12.35	43.5	19	18.8	7.9	257	2.38

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

	UTM Eastings	UTM Northings	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe
	NAD27 (m)	NAD27 (m)	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%
FJ02Q14	0681649	5042746	0.4	9.71	19.03	54.3	24	24.5	11.8	410	2.63
FJ02R08	0684083	5055631	0.19	20.09	12.04	66.6	6	32.4	15.1	444	3.09
FJ02R10	0684032	5051020	0.28	20.31	12.33	71.9	10	31.1	14.4	461	3.34
FJ02R11	0684180	5048651	0.28	17.87	11.58	63	6	30.6	13.9	444	3.16
FJ02R12	0684443	5047324	0.97	14.21	16.3	55	9	33.2	15.4	753	3.03
FJ02R13	0684241	5044740	0.23	15.56	12.17	55.7	8	30.4	12.5	491	2.95
FJ02R14	0683753	5042978	0.24	29.36	17.55	75	52	60.1	18.5	413	3.66
FJ02S09	0685260	5052931	0.27	14.99	10.42	68.4	7	30.6	15	554	2.98
FJ02S10	0686096	5051472	0.19	9.28	8.37	50.6	6	24.3	11.1	241	2.63
FJ02S11	0686079	5048672	0.39	18.65	19	53.9	10	29.4	14.7	751	3.17
FJ02S12	0685755	5047248	0.51	7.68	13.14	45.1	24	23.9	9.3	309	2.29
FJ02S13	0686014	5044945	0.27	16.39	14.49	45	8	28.5	11.4	577	2.45
FJ02S14	0685952	5042725	0.27	12.58	11.96	50	11	28.7	11.8	408	2.7
FJ02T10	0687837	5050755	1.07	12.19	22.6	47.2	11	28.1	11.3	439	2.63
FJ02T12	0687903	5047053	0.64	15.25	12.56	47.3	14	27.8	12.3	700	2.81
FJ02T13	0687826	5045344	0.69	15.67	14.77	55.7	9	30.3	12.9	581	2.9
FJ02T13FD	0687826	5045344	0.28	14.75	14.06	52.2	6	26.7	12.2	588	2.78
FJ02T14	0688348	5042525	0.32	13.14	10.12	45.7	7	27.2	12.1	264	2.32
FJ02V11	0690147	5049114	0.26	11.55	11.21	40.9	8	23.3	10.4	438	2.32
FJ02V12	0690487	5047313	0.61	13.9	12.02	51.5	4	28.8	12.5	463	2.92
FJ02V13	0689861	5044469	0.35	12.74	10.93	40.4	6	21.8	9.6	450	2.26
FJ02V14.5	0690362	5042016	0.45	15.56	11.58	57.1	16	31.8	13.2	602	2.96
FJ02W12	0691913	5046854	0.69	15.58	12.25	44.6	9	31.9	13.5	686	2.77
FJ02W13	0692130	5045120	0.54	15.49	12.32	49.4	8	30	13.2	620	2.91
FJ02W14	0691835	5043000	0.88	18.07	12.92	56	12	35.8	13.2	676	3.02
FJ02X13	0693963	5044723	1.13	17.19	12.73	56.6	31	39.5	12.7	631	3.07
FJ02X14	0693379	5042835	0.37	13.52	10.4	43	7	28.9	15	617	2.71
FJ0288-16	0672850	5054200	0.4	22.36	13.9	63.7	5	37.2	18.5	689	3.73
FJ0288-39	0675950	5058000	0.35	22.09	17.45	58.5	6	35.4	24.1	792	3.77
FJ0288-40	0681400	5049800	0.38	21.16	11.03	60.3	6	31.6	14.7	570	3.29
FJ0288-41	0678250	5044650	0.3	18.37	13.96	51.2	7	26.8	13.4	536	2.97
FJ0288-43	0659950	5046050	0.58	26.61	12.57	63.7	11	41.1	13.1	740	3.34
FJ0288-45	0666800	5049050	0.62	27.42	15.3	66.8	21	40.1	16.8	747	3.48

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

ACME ANALYTICAL LABORATORIES LTD3-3158 FAX(604)253-1716
DNRE - Minerals Division
Acme file # A300127 Received: JAN 17 20
Analysis: GROUP 1F5 - 5.00 GM

	UTM Eastings	UTM Northings	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	NAD27 (m)	NAD27 (m)	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
FJ02A02	0656061	5066079	12.3	1	1.4	9.7	13.4	0.06	1.4	0.46	37
FJ02A04	0655853	5063795	6.1	0.8	1.4	7.6	5	0.02	0.58	0.29	34
FJ02A06	0655819	5058803	4.1	0.6	0.5	3.7	2.5	0.04	0.23	0.17	23
FJ02B03	0657236	5065475	10.4	1	0.9	6.9	4.7	0.04	1.07	0.36	38
FJ02B05	0657777	5060867	5.2	0.9	0.3	7.1	5	0.01	0.33	0.21	31
FJ02B07	0657737	5057342	9.6	1.6	1.6	9.1	9.4	0.02	0.76	0.34	38
FJ02B11	0658085	5048630	5.2	1	1.4	5.5	4.7	0.03	0.27	0.23	33
FJ02B13	0658151	5045248	3.9	0.9	0.6	8.1	7.4	0.83	0.25	0.19	33
FJ02B14	0657780	5042905	5.3	1.2	1.1	9.4	3.8	0.04	0.29	0.22	25
FJ02B15	0657942	5041299	8.8	1.1	0.2	9.6	5	0.05	0.42	0.28	36
FJ02C02	0660279	5067308	17.7	1.2	1.2	10.1	11.6	0.02	0.95	0.47	42
FJ02C06	0660310	5058482	9.3	1.1	1.2	9.6	5.6	0.01	1.1	0.43	36
FJ02C08.5	0659996	5053840	7.7	0.9	1.1	8.4	5.7	0.02	0.7	0.3	35
FJ02C10	0660150	5050709	6.3	0.9	1	9.7	7.5	0.03	0.44	0.29	40
FJ02C12	0659733	5047203	7.8	1	0.6	5.9	4.7	0.03	0.3	0.28	36
FJ02C13	0660105	5045201	10.7	2.1	1.1	10.6	22.9	0.02	0.53	0.32	47
FJ02C13FD	0660105	5045201	9.6	1.7	1.1	10	20	0.02	0.49	0.36	47
FJ02C14	0659650	5042707	5.3	1	0.8	8.3	4.4	0.02	0.26	0.26	29
FJ02C15	0660503	5040866	9.4	2.4	0.5	11.5	10.8	0.04	0.47	0.27	46
FJ02CD03.5	0661159	5064143	11.9	1	0.2	6.3	3.7	0.09	0.6	0.32	34
FJ02D05	0661799	5060836	7.4	0.9	0.6	7.6	4.3	0.02	0.45	0.26	32
FJ02D07	0662193	5057125	15.7	1.6	1.2	9.6	7	0.07	0.82	0.42	39
FJ02D11	0662001	5048453	3.4	1	1.1	4.2	6.2	0.06	0.2	0.22	27
FJ02D12	0662095	5046904	7.7	0.9	0.9	7.8	5.3	0.05	0.53	0.26	34
FJ02D13	0661951	5045140	7	0.9	0.5	7.9	5.7	< .01	0.51	0.3	38
FJ02D14.5	0661924	5041833	6.3	1	1.5	8.5	3.5	0.11	0.54	0.31	27
FJ02DE09.5	0662807	5052020	6.6	0.9	0.4	7.3	7	0.03	0.59	0.29	34
FJ02E02	0663410	5066595	13.3	1.1	1.6	9.4	9.1	0.03	0.89	0.33	36
FJ02E04	0664470	5062977	6	1.1	0.9	5.8	9.2	0.17	0.52	0.56	40
FJ02E06	0664389	5059266	4.1	0.9	0.9	6.7	10.6	0.04	0.6	0.23	38
FJ02E06FD	0664389	5059266	3.9	0.8	1	6.6	11.4	0.03	0.5	0.22	39
FJ02E08	0663922	5055230	3.8	0.9	5.3	7.5	7.9	0.03	0.78	0.25	38
FJ02E12	0663795	5047161	9.6	0.9	1.7	10.2	8.5	0.04	0.63	0.36	42
FJ02E13	0664598	5045146	8	1.2	1.5	10.4	7.1	< .01	0.65	0.32	36
FJ02E14	0663959	5042861	8.3	1	0.5	10.2	7	0.03	0.43	0.37	42
FJ02E15	0663835	5041475	15.9	0.9	1.1	9	6.8	0.12	0.44	0.27	33
FJ02F12	0665961	5047257	4.8	0.6	0.2	4.8	5.8	0.03	0.23	0.19	27
FJ02F13	0666692	5044518	7.5	1.1	0.4	4.9	8	0.04	0.36	0.31	24
FJ02F14C1	0666148	5043021	11.5	0.8	0.9	9.5	16.8	0.03	0.8	0.37	40
FJ02F14C2	0666148	5043021	11.5	2	3.1	1.4	59	0.31	5.15	0.2	50
FJ02F14C3	0666148	5043021	6.4	0.9	2	8.4	6	0.02	0.38	0.25	34
FJ02F15	0665994	5040916	8.8	1.1	0.9	5.9	6	0.07	0.4	0.26	32
FJ02G01.5	0667833	5068139	9.6	1	1.2	9.6	6.1	0.04	0.83	0.32	31
FJ02G05	0668370	5061522	13.4	1.1	0.9	10.2	12.3	0.04	0.98	0.4	42

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

	UTM Eastings	UTM Northings	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	NAD27 (m)	NAD27 (m)	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
FJ02G08	0668235	5054879	11.5	1.4	1	8	24.5	0.04	0.7	0.28	40
FJ02G11	0668191	5048546	8.3	1.1	0.7	7.8	10.8	0.25	0.8	0.32	29
FJ02G12	0668221	5046660	8.5	0.9	0.6	7.8	9.4	0.1	0.65	0.28	38
FJ02G13	0667591	5045036	24.1	1.5	< .2	7.2	9.8	0.32	0.49	0.29	24
FJ02G14	0668084	5043069	9.2	1.1	1	8.7	6.7	0.05	0.69	0.27	32
FJ02G15	0668347	5041242	11.9	1	0.6	6.4	5	0.1	0.44	0.3	37
FJ02H11	0669683	5048886	8.7	0.9	1.4	7.3	7.5	0.03	0.53	0.26	36
FJ02H12	0670825	5046576	29.4	0.9	5	10	10.6	0.05	0.95	0.98	26
FJ02H13	0669442	5044955	9	1	1.1	8.4	10	0.03	0.65	0.33	40
FJ02H14	0670040	5043045	11.5	1	1.1	9.1	10.4	0.02	0.88	0.34	37
FJ02H14FD	0670040	5043045	12.5	0.9	1.8	8.5	12.6	0.02	0.85	0.33	38
FJ02H15	0670101	5041145	8	0.8	0.5	5.9	5.4	0.03	0.5	0.32	35
FJ02HK09.5	0671148	5051963	9.5	1	< .2	7.9	14	0.01	0.59	0.26	40
FJ02K11	0672341	5048892	10.8	1.1	0.3	8.5	7.4	0.08	0.55	0.27	39
FJ02K13	0672344	5044984	7.9	1	1	7.3	7.4	0.04	0.48	0.25	34
FJ02K14	0671581	5042548	14.6	1.8	0.4	8.8	5.2	0.15	0.53	0.29	32
FJ02K15	0671616	5040682	9.2	1.6	0.8	9.6	5.6	0.07	0.55	0.3	26
FJ02L07	0674658	5056736	6.9	0.9	0.8	7.9	6.4	0.01	0.44	0.25	33
FJ02L10	0673400	5051097	8.6	1.1	1.3	7.9	5.8	0.01	0.52	0.31	41
FJ02L11	0673594	5049063	7.3	0.8	0.7	7.1	6.2	0.07	0.4	0.28	34
FJ02L13	0673858	5044695	7.2	1.2	0.2	8.9	8.5	0.05	0.45	0.28	25
FJ02L14	0674124	5043398	10.8	1.2	0.2	7	6.3	0.08	0.48	0.28	31
FJ02L15	0674353	5041049	7	1.1	0.6	8.9	7.5	0.03	0.49	0.29	31
FJ02M05	0676471	5060703	5.8	0.8	0.8	7.6	8.8	0.01	0.43	0.28	37
FJ02M10	0675948	5051237	9.1	0.8	2.7	7.1	8.3	0.01	0.58	0.27	32
FJ02M11	0675593	5049313	8.6	0.7	1.1	7.6	5.6	0.02	0.53	0.27	35
FJ02M12	0676021	5046867	4.8	0.7	0.8	6.8	7.7	0.04	0.35	0.24	36
FJ02M12FD	0676021	5046867	6.1	0.8	1.2	7.7	9	0.02	0.4	0.25	39
FJ02M13	0675871	5045066	6.9	1.2	0.3	8.7	10.6	0.03	0.43	0.27	37
FJ02M14	0675912	5043090	6.5	1.1	0.8	9	7.7	0.04	0.48	0.28	31
FJ02M15	0675894	5040965	5.2	1	0.3	4.9	7.9	0.03	0.27	0.24	41
FJ02N10	0678229	5051321	16.2	0.8	0.6	6.8	5.2	0.06	0.4	0.29	42
FJ02N11-A	0677838	5049117	7.8	0.8	< .2	6.2	5.6	0.05	0.31	0.19	27
FJ02N11-B	0677765	5049209	6.8	1.1	0.6	7.6	7.6	0.01	0.39	0.27	36
FJ02N12	0678041	5047197	15.7	1.3	0.3	10.2	7.1	0.05	0.91	0.23	28
FJ02N13	0677770	5045035	12	1.4	< .2	10.8	6.7	0.13	0.7	0.22	30
FJ02N14	0678018	5042983	6.6	1.2	0.7	8.1	8.2	0.05	0.46	0.25	38
FJ02N15	0678027	5041166	8.1	3	0.2	15.4	4.5	0.09	0.39	0.39	21
FJ02P10	0680012	5050993	5.2	0.8	0.3	7.1	8.4	0.02	0.4	0.23	34
FJ02P11	0680398	5049077	6.1	1.1	0.8	8.6	9.7	0.03	0.49	0.26	33
FJ02P12	0679802	5046990	19.7	1.4	0.3	8.8	7.4	0.15	0.85	0.38	34
FJ02P13	0680478	5044587	7.6	1.3	0.4	8.8	7.9	0.07	0.75	0.25	33
FJ02P14	0679979	5042672	12	1.4	0.6	8.7	8.2	0.1	0.57	0.26	35
FJ02P15	0679939	5041048	8.2	1.3	0.6	8.2	11.3	0.02	0.52	0.25	35
FJ02PQ07	0681104	5056234	5	1.2	< .2	8.4	8.6	0.01	0.41	0.28	38
FJ02Q10	0681788	5051021	5.6	0.9	0.6	7.6	8.3	0.02	0.43	0.24	36
FJ02Q11	0681922	5049273	5.9	2.2	3	11.9	6.8	0.07	0.6	1.61	23
FJ02Q12	0681805	5046948	13.5	1.2	1.5	11.3	5.2	0.09	0.49	0.38	38
FJ02Q13	0682049	5045240	14.6	1.1	0.8	4.5	5.4	0.05	0.33	0.25	34

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

	UTM Eastings	UTM Northings	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	NAD27 (m)	NAD27 (m)	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
FJ02Q14	0681649	5042746	8.5	1.1	1.3	7.2	6.1	0.11	0.44	0.24	32
FJ02R08	0684083	5055631	3.2	1	0.8	8.2	6.7	0.03	0.42	0.32	33
FJ02R10	0684032	5051020	5.3	0.7	1.4	6.2	5.4	0.05	0.33	0.23	36
FJ02R11	0684180	5048651	4.8	0.9	0.9	7.3	8.6	0.04	0.38	0.22	37
FJ02R12	0684443	5047324	8.7	1	0.6	8	10.2	0.05	0.48	0.28	36
FJ02R13	0684241	5044740	7.8	0.9	0.4	7.8	10	0.02	0.46	0.25	37
FJ02R14	0683753	5042978	19.2	0.8	0.6	8.5	4.4	0.11	0.39	0.28	33
FJ02S09	0685260	5052931	3.3	0.8	0.8	5.9	8.6	0.03	0.28	0.18	38
FJ02S10	0686096	5051472	2.5	0.6	0.3	4.9	4.5	0.04	0.3	0.18	33
FJ02S11	0686079	5048672	9.5	1.8	0.8	9.4	13.3	0.06	0.58	0.49	37
FJ02S12	0685755	5047248	7.3	0.9	< .2	5.8	5.9	0.04	0.31	0.26	31
FJ02S13	0686014	5044945	6.9	1	0.6	8.2	7.6	0.05	0.53	0.29	29
FJ02S14	0685952	5042725	6	1	0.3	7.6	7.3	0.09	0.36	0.23	35
FJ02T10	0687837	5050755	28	2.1	1.6	11.8	6.3	0.08	1.18	0.92	35
FJ02T12	0687903	5047053	8.8	2.4	< .2	8.1	29.8	0.04	0.62	0.24	43
FJ02T13	0687826	5045344	8.8	1	0.9	8.5	9.1	0.04	0.6	0.28	37
FJ02T13FD	0687826	5045344	8.6	1	0.3	8.3	9.3	0.04	0.58	0.27	34
FJ02T14	0688348	5042525	8.2	0.8	0.9	5.7	5.9	0.08	0.46	0.2	28
FJ02V11	0690147	5049114	7.7	0.9	3.5	7.8	8.5	0.03	0.49	0.22	34
FJ02V12	0690487	5047313	7.8	1	0.9	8.2	7.5	0.03	0.5	0.26	38
FJ02V13	0689861	5044469	7.2	1.4	0.4	8.8	10.6	0.03	0.52	0.28	30
FJ02V14.5	0690362	5042016	8.9	1	0.3	8.9	17.3	0.02	0.59	0.29	36
FJ02W12	0691913	5046854	10.1	1.1	1.2	8.6	17.3	0.02	0.87	0.3	38
FJ02W13	0692130	5045120	9.2	1.1	0.7	8.8	9.3	0.04	0.73	0.27	39
FJ02W14	0691835	5043000	9.5	0.9	0.8	7.7	18.2	0.05	0.71	0.24	41
FJ02X13	0693963	5044723	11.5	1.3	1.2	10.2	27.1	0.03	0.59	0.31	42
FJ02X14	0693379	5042835	6.3	0.8	0.3	7.2	6.9	0.02	0.51	0.22	36
FJ0288-16	0672850	5054200	10.8	1	1.2	8.6	9.4	0.02	0.61	0.27	44
FJ0288-39	0675950	5058000	10.9	0.9	2.7	9.4	16.3	0.01	0.68	0.33	47
FJ0288-40	0681400	5049800	6.7	0.9	0.9	7	6.7	0.03	0.41	0.21	35
FJ0288-41	0678250	5044650	8.6	1.2	0.8	8.3	7.1	0.06	0.52	0.23	35
FJ0288-43	0659950	5046050	8.7	1	0.9	9.9	5.6	0.02	0.44	0.31	43
FJ0288-45	0666800	5049050	11.8	1	0.9	8.9	23.4	0.03	0.72	0.32	38

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

ACME ANALYTICAL LABORATORIES LTD.
DNRE - Minerals Division
Acme file # A300127 Received: JAN 17 20
Analysis: GROUP 1F5 - 5.00 GM

	UTM Eastings	UTM Northings	Ca	P	La	Cr	Mg	Ba	Ti	B	Al
	NAD27 (m)	NAD27 (m)	%	%	ppm	ppm	%	ppm	%	ppm	%
FJ02A02	0656061	5066079	0.18	0.058	33.7	35.6	0.69	92.7	0.071	2	1.77
FJ02A04	0655853	5063795	0.05	0.031	25.4	37.9	0.71	58.1	0.079	1	1.94
FJ02A06	0655819	5058803	0.02	0.042	19	21.1	0.25	28.8	0.017	1	1.47
FJ02B03	0657236	5065475	0.04	0.026	28.5	37.1	0.69	59	0.067	< 1	2.01
FJ02B05	0657777	5060867	0.04	0.017	25.4	30.6	0.63	46	0.059	1	1.72
FJ02B07	0657737	5057342	0.11	0.033	31.1	37.6	0.66	92.8	0.06	1	2.1
FJ02B11	0658085	5048630	0.06	0.034	27	37.2	0.7	51.4	0.046	1	2.29
FJ02B13	0658151	5045248	0.08	0.013	40.8	29.4	0.51	56.3	0.074	< 1	1.73
FJ02B14	0657780	5042905	0.08	0.039	25.3	22.4	0.36	29.1	0.083	< 1	1.41
FJ02B15	0657942	5041299	0.09	0.05	29	31.7	0.69	57.7	0.108	2	2.16
FJ02C02	0660279	5067308	0.15	0.051	41.6	42.9	0.87	104.7	0.094	1	2.23
FJ02C06	0660310	5058482	0.04	0.017	27.5	41.6	0.73	69.4	0.09	1	2.32
FJ02C08.5	0659996	5053840	0.04	0.019	27.1	35.5	0.65	67.5	0.074	< 1	2.07
FJ02C10	0660150	5050709	0.07	0.037	36.3	40.9	0.81	74.9	0.105	1	2.27
FJ02C12	0659733	5047203	0.04	0.022	30.5	33.7	0.61	57.6	0.032	1	2.08
FJ02C13	0660105	5045201	0.31	0.049	37.9	42.1	0.82	121.5	0.089	2	2.31
FJ02C13FD	0660105	5045201	0.27	0.044	38.5	42.5	0.82	120.4	0.097	2	2.28
FJ02C14	0659650	5042707	0.1	0.038	26.4	28.5	0.53	33.7	0.074	1	1.92
FJ02C15	0660503	5040866	0.18	0.063	35.6	41.3	0.83	101.9	0.128	1	2.48
FJ02CD03.5	0661159	5064143	0.04	0.04	24.9	36	0.66	62.7	0.035	< 1	2.18
FJ02D05	0661799	5060836	0.03	0.028	26.6	34.4	0.53	52.6	0.03	2	2.52
FJ02D07	0662193	5057125	0.04	0.031	36.9	41.3	0.72	93.8	0.087	1	2.3
FJ02D11	0662001	5048453	0.08	0.034	27.7	30.1	0.64	47.3	0.048	1	1.9
FJ02D12	0662095	5046904	0.04	0.02	26.6	34.2	0.59	64.1	0.049	< 1	2.05
FJ02D13	0661951	5045140	0.05	0.016	25.4	38.2	0.67	67.8	0.036	1	2.39
FJ02D14.5	0661924	5041833	0.05	0.041	23.7	35.4	0.51	48.1	0.025	< 1	1.86
FJ02DE09.5	0662807	5052020	0.07	0.012	27.8	31.3	0.62	69.3	0.051	< 1	1.8
FJ02E02	0663410	5066595	0.08	0.041	39.4	36.6	0.79	79.8	0.054	1	1.94
FJ02E04	0664470	5062977	0.08	0.031	27.2	42.5	0.89	98.6	0.028	1	2.23
FJ02E06	0664389	5059266	0.11	0.019	21.5	27.9	0.63	79.6	0.029	< 1	1.56
FJ02E06FD	0664389	5059266	0.12	0.016	21.6	26.7	0.66	88.2	0.036	1	1.73
FJ02E08	0663922	5055230	0.05	0.005	20.1	21.4	0.6	52.2	0.014	< 1	1.41
FJ02E12	0663795	5047161	0.07	0.047	29	34.3	0.78	88.9	0.05	1	2.34
FJ02E13	0664598	5045146	0.08	0.029	28	34.3	0.64	64.4	0.07	1	2.02
FJ02E14	0663959	5042861	0.06	0.033	27.7	33.9	0.75	65.3	0.069	1	2.23
FJ02E15	0663835	5041475	0.08	0.029	30.5	32	0.64	63.6	0.069	1	1.84
FJ02F12	0665961	5047257	0.05	0.018	23.9	22.9	0.41	37.5	0.031	< 1	1.36
FJ02F13	0666692	5044518	0.07	0.027	25.7	24.8	0.44	34.8	0.043	< 1	1.7
FJ02F14C1	0666148	5043021	0.18	0.045	33.1	38.4	0.74	101.7	0.063	1	1.96
FJ02F14C2	0666148	5043021	1	0.084	13.3	31.1	0.63	948.1	0.072	3	1.05
FJ02F14C3	0666148	5043021	0.05	0.025	25.9	30.5	0.6	51.4	0.065	1	1.91
FJ02F15	0665994	5040916	0.09	0.064	26.8	36.3	0.55	45.4	0.05	1	2.28
FJ02G01.5	0667833	5068139	0.04	0.028	28.6	35.4	0.7	60.1	0.05	1	1.83
FJ02G05	0668370	5061522	0.12	0.052	41.4	47.1	0.91	118.9	0.064	2	2.38

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

	UTM Eastings	UTM Northings	Ca	P	La	Cr	Mg	Ba	Ti	B	Al
	NAD27 (m)	NAD27 (m)	%	%	ppm	ppm	%	ppm	%	ppm	%
FJ02G08	0668235	5054879	0.28	0.047	28.3	31.6	0.65	123.3	0.04	1	1.91
FJ02G11	0668191	5048546	0.04	0.029	26.7	28	0.59	47.2	0.045	< 1	1.69
FJ02G12	0668221	5046660	0.06	0.02	26.3	32.3	0.73	68.6	0.056	1	1.93
FJ02G13	0667591	5045036	0.07	0.01	31.6	18.9	0.34	55.3	0.046	1	1.82
FJ02G14	0668084	5043069	0.05	0.019	27.5	32.3	0.67	54.5	0.038	1	1.81
FJ02G15	0668347	5041242	0.04	0.041	22.9	38.2	0.61	60.6	0.034	1	2.61
FJ02H11	0669683	5048886	0.05	0.028	32.9	33.6	0.61	100.3	0.025	< 1	2.01
FJ02H12	0670825	5046576	0.2	0.036	30.6	19.2	0.39	118.6	0.036	< 1	1.28
FJ02H13	0669442	5044955	0.07	0.03	25.1	38.2	0.72	96.9	0.044	1	2.2
FJ02H14	0670040	5043045	0.11	0.038	31.5	41.5	0.78	102	0.048	3	2.28
FJ02H14FD	0670040	5043045	0.14	0.043	34.9	38.9	0.77	114	0.043	1	2.2
FJ02H15	0670101	5041145	0.04	0.023	20	35.5	0.69	52.8	0.015	1	2.6
FJ02HK09.5	0671148	5051963	0.16	0.045	33.6	34.6	0.69	126.9	0.044	1	1.96
FJ02K11	0672341	5048892	0.05	0.035	24	37	0.66	62.7	0.061	2	2.32
FJ02K13	0672344	5044984	0.04	0.014	20.9	31	0.56	72.1	0.033	1	1.77
FJ02K14	0671581	5042548	0.05	0.089	23.9	27.1	0.45	68.9	0.019	1	4.08
FJ02K15	0671616	5040682	0.04	0.031	29.8	28	0.49	38.4	0.022	1	2.01
FJ02L07	0674658	5056736	0.04	0.013	20.9	31.2	0.59	60.3	0.023	1	1.74
FJ02L10	0673400	5051097	0.04	0.026	21	30	0.62	110.5	0.013	1	2.02
FJ02L11	0673594	5049063	0.04	0.026	22.3	29.5	0.58	54.3	0.022	< 1	1.68
FJ02L13	0673858	5044695	0.1	0.04	30.7	19	0.38	27.3	0.06	< 1	1.24
FJ02L14	0674124	5043398	0.05	0.043	23.5	29.1	0.43	40.7	0.036	1	1.94
FJ02L15	0674353	5041049	0.06	0.04	31.2	24.8	0.52	47.1	0.031	< 1	1.44
FJ02M05	0676471	5060703	0.06	0.013	20.5	31.2	0.69	69.3	0.028	< 1	1.78
FJ02M10	0675948	5051237	0.07	0.023	27.8	35	0.7	97.3	0.022	1	1.82
FJ02M11	0675593	5049313	0.03	0.018	19.3	37.7	0.73	72.3	0.01	2	2.18
FJ02M12	0676021	5046867	0.05	0.018	19.4	29.3	0.59	50.9	0.033	< 1	1.57
FJ02M12FD	0676021	5046867	0.06	0.024	19.5	29.5	0.65	60.4	0.029	< 1	1.72
FJ02M13	0675871	5045066	0.11	0.042	28.6	30.6	0.58	62.7	0.049	1	1.54
FJ02M14	0675912	5043090	0.07	0.04	29.2	28.5	0.54	46.6	0.034	< 1	1.54
FJ02M15	0675894	5040965	0.06	0.012	18.2	32.9	0.64	58.7	0.023	1	1.78
FJ02N10	0678229	5051321	0.04	0.079	18	40.3	0.52	60	0.008	1	3.14
FJ02N11-A	0677838	5049117	0.03	0.024	20	28.8	0.45	43.7	0.021	1	1.6
FJ02N11-B	0677765	5049209	0.06	0.014	20.5	31.6	0.59	48.3	0.015	< 1	1.73
FJ02N12	0678041	5047197	0.04	0.019	29.7	19.8	0.38	47.3	0.126	1	1.32
FJ02N13	0677770	5045035	0.04	0.023	29.5	27	0.51	31.7	0.041	1	1.77
FJ02N14	0678018	5042983	0.05	0.027	32.3	32.9	0.64	47.8	0.037	2	1.75
FJ02N15	0678027	5041166	0.07	0.032	26.4	15.5	0.28	16.6	0.045	1	0.97
FJ02P10	0680012	5050993	0.07	0.026	19.3	30.8	0.55	52.4	0.031	3	1.39
FJ02P11	0680398	5049077	0.08	0.029	27	30.9	0.53	67.2	0.041	1	1.5
FJ02P12	0679802	5046990	0.04	0.039	29.5	28.4	0.43	62.4	0.043	1	2.25
FJ02P13	0680478	5044587	0.06	0.024	34.2	28.4	0.57	46.1	0.036	1	1.7
FJ02P14	0679979	5042672	0.04	0.025	26	31.2	0.58	46.6	0.032	< 1	2.09
FJ02P15	0679939	5041048	0.14	0.026	27.8	34.1	0.65	89.2	0.049	1	1.73
FJ02PQ07	0681104	5056234	0.06	0.026	27.5	35	0.76	84.3	0.046	1	1.88
FJ02Q10	0681788	5051021	0.06	0.034	23.1	30.3	0.51	86.3	0.031	1	1.44
FJ02Q11	0681922	5049273	0.1	0.05	32.1	22.4	0.48	57.9	0.111	2	1.86
FJ02Q12	0681805	5046948	0.04	0.035	30.6	32.9	0.52	36.9	0.04	2	2.33
FJ02Q13	0682049	5045240	0.04	0.013	23.4	23.2	0.42	31.4	0.042	1	1.3

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

	UTM Eastings	UTM Northings	Ca	P	La	Cr	Mg	Ba	Ti	B	Al
	NAD27 (m)	NAD27 (m)	%	%	ppm	ppm	%	ppm	%	ppm	%
FJ02Q14	0681649	5042746	0.04	0.025	26.9	24.8	0.54	33.6	0.034	1	1.79
FJ02R08	0684083	5055631	0.04	0.017	21.4	26.4	0.62	54	0.02	< 1	1.77
FJ02R10	0684032	5051020	0.03	0.018	16.2	30.2	0.6	43.6	0.016	< 1	1.97
FJ02R11	0684180	5048651	0.07	0.027	19.8	30.5	0.61	57.7	0.026	1	1.65
FJ02R12	0684443	5047324	0.13	0.046	22.6	37	0.58	79.9	0.039	1	1.59
FJ02R13	0684241	5044740	0.11	0.034	40.9	29.7	0.56	134.5	0.03	1	1.59
FJ02R14	0683753	5042978	0.03	0.052	32.2	52.4	1.22	49.9	0.019	1	2.67
FJ02S09	0685260	5052931	0.06	0.022	15.7	32.9	0.67	49.5	0.039	1	1.64
FJ02S10	0686096	5051472	0.03	0.012	18.5	24.4	0.38	28.7	0.016	1	1.36
FJ02S11	0686079	5048672	0.29	0.041	41.7	28.8	0.43	127.8	0.017	1	1.53
FJ02S12	0685755	5047248	0.05	0.023	20.1	27.8	0.44	39.4	0.044	< 1	1.69
FJ02S13	0686014	5044945	0.08	0.033	28.3	25.1	0.49	43.9	0.033	1	1.39
FJ02S14	0685952	5042725	0.05	0.023	26.2	32.5	0.57	46.4	0.03	< 1	1.69
FJ02T10	0687837	5050755	0.06	0.039	19.6	27.4	0.51	73	0.042	2	1.67
FJ02T12	0687903	5047053	0.49	0.059	31.3	32.8	0.6	76.9	0.101	1	1.7
FJ02T13	0687826	5045344	0.08	0.043	26.2	33.4	0.56	83.1	0.039	2	1.65
FJ02T13FD	0687826	5045344	0.09	0.046	27	29.1	0.54	73.9	0.042	9	1.56
FJ02T14	0688348	5042525	0.06	0.025	22.9	30.2	0.47	35.6	0.031	2	1.75
FJ02V11	0690147	5049114	0.08	0.036	27.5	26.7	0.49	55	0.074	3	1.42
FJ02V12	0690487	5047313	0.06	0.021	22.8	33.6	0.61	62.9	0.063	3	1.69
FJ02V13	0689861	5044469	0.16	0.032	30.6	24.4	0.43	69.4	0.051	1	1.25
FJ02V14.5	0690362	5042016	0.31	0.055	31.5	29.3	0.57	111.7	0.052	1	1.46
FJ02W12	0691913	5046854	0.23	0.033	32	36.9	0.59	108.3	0.061	1	1.74
FJ02W13	0692130	5045120	0.08	0.033	26.4	34.9	0.61	83.6	0.068	1	1.86
FJ02W14	0691835	5043000	0.29	0.05	31.8	41.4	0.63	133.1	0.063	2	1.89
FJ02X13	0693963	5044723	0.41	0.042	30.1	47.2	0.64	126.9	0.043	3	2.05
FJ02X14	0693379	5042835	0.05	0.029	17.8	31.5	0.56	92.8	0.05	1	1.97
FJ0288-16	0672850	5054200	0.08	0.048	29.9	31.3	0.69	93.9	0.026	1	1.86
FJ0288-39	0675950	5058000	0.15	0.041	38.5	33.5	0.74	123.9	0.027	1	1.95
FJ0288-40	0681400	5049800	0.07	0.037	24.3	26.6	0.65	78.3	0.034	1	1.56
FJ0288-41	0678250	5044650	0.07	0.042	32.2	22.4	0.55	45.4	0.03	< 1	1.41
FJ0288-43	0659950	5046050	0.04	0.031	24.3	38.5	0.86	69.7	0.069	1	2.52
FJ0288-45	0666800	5049050	0.33	0.047	28.2	35.2	0.72	124.7	0.02	1	1.74

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

ACME ANALYTICAL LABORATORIES LTD.
DNRE - Minerals Division
Acme file # A300127 Received: JAN 17 20
Analysis: GROUP 1F5 - 5.00 GM

	UTM Eastings	UTM Northings	Na	K	W	Sc	Tl	S	Hg	Se	Te
	NAD27 (m)	NAD27 (m)	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm
FJ02A02	0656061	5066079	0.011	0.16	0.4	4.2	0.11	< .01	19	0.3	0.03
FJ02A04	0655853	5063795	0.007	0.13	0.2	4.1	0.09	< .01	13	0.1	< .02
FJ02A06	0655819	5058803	0.002	0.04	0.1	1.6	0.08	< .01	59	0.5	< .02
FJ02B03	0657236	5065475	0.006	0.12	0.4	4	0.12	< .01	22	0.2	0.02
FJ02B05	0657777	5060867	0.007	0.09	0.2	3.6	0.07	< .01	11	0.2	< .02
FJ02B07	0657737	5057342	0.006	0.16	0.2	4.9	0.11	< .01	23	0.2	< .02
FJ02B11	0658085	5048630	0.004	0.12	0.2	3	0.09	0.01	56	0.4	0.02
FJ02B13	0658151	5045248	0.007	0.08	0.2	5.2	0.07	< .01	12	0.2	< .02
FJ02B14	0657780	5042905	0.004	0.05	0.4	2.7	0.08	< .01	31	0.2	< .02
FJ02B15	0657942	5041299	0.007	0.13	0.4	4.1	0.12	< .01	29	0.3	< .02
FJ02C02	0660279	5067308	0.009	0.21	0.3	5.7	0.15	< .01	16	0.2	< .02
FJ02C06	0660310	5058482	0.007	0.17	0.4	4.6	0.13	< .01	19	0.3	< .02
FJ02C08.5	0659996	5053840	0.007	0.13	0.2	4.3	0.11	< .01	19	0.2	< .02
FJ02C10	0660150	5050709	0.008	0.15	0.2	6.1	0.09	< .01	21	0.2	< .02
FJ02C12	0659733	5047203	0.004	0.09	0.2	4.1	0.1	< .01	37	0.5	< .02
FJ02C13	0660105	5045201	0.01	0.24	0.2	7	0.12	< .01	31	0.2	0.02
FJ02C13FD	0660105	5045201	0.01	0.22	0.2	6.9	0.11	0.02	26	0.1	< .02
FJ02C14	0659650	5042707	0.005	0.06	0.3	3.2	0.08	< .01	21	0.3	< .02
FJ02C15	0660503	5040866	0.011	0.18	0.5	5.8	0.15	0.01	27	0.3	< .02
FJ02CD03.5	0661159	5064143	0.003	0.09	0.3	3.1	0.11	< .01	50	0.6	0.02
FJ02D05	0661799	5060836	0.008	0.09	0.2	3.4	0.12	< .01	53	0.5	< .02
FJ02D07	0662193	5057125	0.008	0.17	0.3	5.4	0.14	0.02	22	0.3	< .02
FJ02D11	0662001	5048453	0.003	0.11	0.2	2.7	0.07	0.01	56	0.4	< .02
FJ02D12	0662095	5046904	0.005	0.11	0.2	4.4	0.1	0.01	26	0.3	< .02
FJ02D13	0661951	5045140	0.005	0.12	0.2	4.4	0.11	< .01	21	0.3	< .02
FJ02D14.5	0661924	5041833	0.006	0.06	0.4	3.2	0.08	0.01	107	0.4	0.02
FJ02DE09.5	0662807	5052020	0.005	0.09	0.2	3.8	0.09	0.02	15	0.1	< .02
FJ02E02	0663410	5066595	0.012	0.15	0.2	5.1	0.1	< .01	12	0.1	0.02
FJ02E04	0664470	5062977	0.003	0.15	0.1	4.8	0.14	< .01	36	0.3	0.02
FJ02E06	0664389	5059266	0.003	0.1	0.2	4	0.09	0.01	11	0.1	< .02
FJ02E06FD	0664389	5059266	0.004	0.09	0.1	3.7	0.1	0.02	7	0.1	< .02
FJ02E08	0663922	5055230	0.004	0.09	< .1	3	0.11	0.01	5	0.1	< .02
FJ02E12	0663795	5047161	0.006	0.14	0.2	5.7	0.12	0.01	26	0.2	0.02
FJ02E13	0664598	5045146	0.006	0.1	0.3	4.8	0.1	< .01	21	0.3	< .02
FJ02E14	0663959	5042861	0.007	0.15	0.2	5.3	0.11	< .01	20	0.1	< .02
FJ02E15	0663835	5041475	0.006	0.11	0.3	4.1	0.1	0.02	48	0.4	< .02
FJ02F12	0665961	5047257	0.003	0.07	< .1	1.8	0.07	< .01	28	0.2	< .02
FJ02F13	0666692	5044518	0.004	0.1	0.7	2.1	0.14	0.01	35	0.3	< .02
FJ02F14C1	0666148	5043021	0.008	0.15	0.4	5.4	0.12	< .01	18	< .1	< .02
FJ02F14C2	0666148	5043021	0.035	0.09	0.3	3.3	0.1	0.09	790	0.8	0.02
FJ02F14C3	0666148	5043021	0.005	0.1	0.2	3.7	0.08	< .01	21	0.3	< .02
FJ02F15	0665994	5040916	0.004	0.08	0.4	3.6	0.09	0.02	71	0.7	< .02
FJ02G01.5	0667833	5068139	0.005	0.12	0.3	4.4	0.11	< .01	18	0.2	0.02
FJ02G05	0668370	5061522	0.007	0.23	0.3	6.4	0.14	< .01	21	0.3	< .02

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

	UTM Eastings	UTM Northings	Na	K	W	Sc	Tl	S	Hg	Se	Te
	NAD27 (m)	NAD27 (m)	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm
FJ02G08	0668235	5054879	0.007	0.17	< .1	5.1	0.1	0.01	16	0.2	< .02
FJ02G11	0668191	5048546	0.003	0.12	< .1	3.1	0.1	< .01	27	0.5	< .02
FJ02G12	0668221	5046660	0.005	0.13	0.1	4.2	0.1	< .01	15	0.1	< .02
FJ02G13	0667591	5045036	0.003	0.11	1.1	2.2	0.21	< .01	33	0.2	< .02
FJ02G14	0668084	5043069	0.005	0.09	0.3	3.9	0.11	< .01	25	0.3	< .02
FJ02G15	0668347	5041242	0.004	0.09	0.4	3.7	0.12	0.01	70	0.6	0.02
FJ02H11	0669683	5048886	0.004	0.13	< .1	4.8	0.1	0.01	18	0.3	0.02
FJ02H12	0670825	5046576	0.004	0.13	0.9	2.7	0.14	< .01	13	0.3	0.02
FJ02H13	0669442	5044955	0.005	0.16	0.1	5.2	0.11	< .01	15	0.3	< .02
FJ02H14	0670040	5043045	0.006	0.22	0.2	5.5	0.14	< .01	22	0.2	0.02
FJ02H14FD	0670040	5043045	0.006	0.19	0.2	5.4	0.13	< .01	18	0.2	0.02
FJ02H15	0670101	5041145	0.003	0.12	0.2	3.1	0.13	< .01	51	0.4	< .02
FJ02HK09.5	0671148	5051963	0.007	0.16	0.1	5.2	0.11	0.01	15	0.3	0.02
FJ02K11	0672341	5048892	0.004	0.13	0.2	4.1	0.11	0.01	22	0.4	< .02
FJ02K13	0672344	5044984	0.004	0.12	0.2	3.8	0.11	< .01	41	0.3	0.02
FJ02K14	0671581	5042548	0.003	0.07	0.7	4.6	0.14	0.03	224	1.3	< .02
FJ02K15	0671616	5040682	0.004	0.09	0.7	2.6	0.11	0.03	56	0.5	< .02
FJ02L07	0674658	5056736	0.005	0.1	0.1	3.5	0.1	0.02	10	0.3	< .02
FJ02L10	0673400	5051097	0.004	0.12	< .1	5.5	0.11	0.01	18	0.1	0.02
FJ02L11	0673594	5049063	0.003	0.08	< .1	3.8	0.1	0.01	17	0.3	0.02
FJ02L13	0673858	5044695	0.005	0.06	0.5	3.1	0.06	< .01	24	0.3	< .02
FJ02L14	0674124	5043398	0.005	0.07	0.4	3.4	0.09	0.02	66	0.7	< .02
FJ02L15	0674353	5041049	0.005	0.09	0.2	3.5	0.08	< .01	15	0.3	< .02
FJ02M05	0676471	5060703	0.006	0.12	< .1	4.1	0.1	< .01	10	0.2	< .02
FJ02M10	0675948	5051237	0.006	0.12	< .1	4.8	0.11	< .01	17	0.2	0.02
FJ02M11	0675593	5049313	0.007	0.16	< .1	4.1	0.12	< .01	23	0.2	< .02
FJ02M12	0676021	5046867	0.004	0.1	0.1	3.4	0.08	0.01	6	0.2	< .02
FJ02M12FD	0676021	5046867	0.006	0.12	0.1	4.6	0.1	0.01	10	0.1	0.02
FJ02M13	0675871	5045066	0.005	0.11	0.1	4.8	0.08	< .01	13	0.3	0.02
FJ02M14	0675912	5043090	0.005	0.09	0.2	4.1	0.08	< .01	13	0.2	< .02
FJ02M15	0675894	5040965	0.006	0.12	< .1	3.2	0.09	< .01	24	0.4	< .02
FJ02N10	0678229	5051321	0.005	0.09	0.1	4.1	0.19	0.01	160	0.7	< .02
FJ02N11-A	0677838	5049117	0.005	0.08	< .1	2.9	0.09	0.01	32	0.3	< .02
FJ02N11-B	0677765	5049209	0.003	0.09	< .1	3.6	0.08	< .01	14	0.2	< .02
FJ02N12	0678041	5047197	0.004	0.08	0.7	2.9	0.11	< .01	12	0.2	< .02
FJ02N13	0677770	5045035	0.004	0.09	0.9	3.1	0.12	< .01	24	0.3	< .02
FJ02N14	0678018	5042983	0.01	0.1	0.2	4.6	0.1	< .01	8	0.1	< .02
FJ02N15	0678027	5041166	0.003	0.05	0.5	2.3	0.06	0.02	21	0.2	0.02
FJ02P10	0680012	5050993	0.01	0.09	< .1	4.2	0.09	< .01	10	0.1	0.02
FJ02P11	0680398	5049077	0.004	0.1	0.1	4.4	0.09	< .01	17	0.1	< .02
FJ02P12	0679802	5046990	0.004	0.09	0.6	3.5	0.14	0.02	62	0.5	0.02
FJ02P13	0680478	5044587	0.006	0.1	0.4	4	0.11	0.01	16	0.3	0.03
FJ02P14	0679979	5042672	0.004	0.09	0.4	3.7	0.13	< .01	39	0.4	< .02
FJ02P15	0679939	5041048	0.004	0.11	0.2	4.1	0.09	< .01	14	0.1	0.02
FJ02PQ07	0681104	5056234	0.007	0.12	0.1	5.6	0.1	< .01	5	< .1	< .02
FJ02Q10	0681788	5051021	0.006	0.1	< .1	5.2	0.09	0.01	11	< .1	0.03
FJ02Q11	0681922	5049273	0.003	0.14	2.3	3	0.15	0.01	31	0.1	0.05
FJ02Q12	0681805	5046948	0.004	0.11	0.4	3.2	0.14	< .01	52	0.6	0.02
FJ02Q13	0682049	5045240	0.004	0.09	0.2	2.1	0.09	0.02	18	0.3	< .02

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

	UTM Eastings	UTM Northings	Na	K	W	Sc	Tl	S	Hg	Se	Te
	NAD27 (m)	NAD27 (m)	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm
FJ02Q14	0681649	5042746	0.004	0.09	0.3	2.7	0.12	< .01	32	0.4	0.03
FJ02R08	0684083	5055631	0.009	0.11	< .1	4.3	0.11	< .01	6	0.1	0.02
FJ02R10	0684032	5051020	0.004	0.1	< .1	3.1	0.1	< .01	24	0.3	0.02
FJ02R11	0684180	5048651	0.004	0.11	< .1	4	0.09	< .01	10	0.1	< .02
FJ02R12	0684443	5047324	0.005	0.15	0.2	4	0.1	< .01	10	0.2	< .02
FJ02R13	0684241	5044740	0.007	0.12	0.1	4.1	0.1	< .01	8	0.3	0.02
FJ02R14	0683753	5042978	0.003	0.09	0.1	3.7	0.08	< .01	49	0.5	0.02
FJ02S09	0685260	5052931	0.003	0.07	< .1	3.5	0.08	< .01	15	0.2	< .02
FJ02S10	0686096	5051472	0.003	0.07	< .1	2.2	0.07	< .01	22	0.2	< .02
FJ02S11	0686079	5048672	0.005	0.16	0.2	4.5	0.12	< .01	17	0.2	< .02
FJ02S12	0685755	5047248	0.003	0.08	0.3	2.4	0.1	0.01	56	0.3	< .02
FJ02S13	0686014	5044945	0.011	0.08	0.2	3.8	0.07	< .01	10	0.1	0.03
FJ02S14	0685952	5042725	0.004	0.09	< .1	3.3	0.09	< .01	17	0.1	< .02
FJ02T10	0687837	5050755	0.004	0.17	0.4	3.6	0.16	< .01	11	0.3	0.04
FJ02T12	0687903	5047053	0.009	0.11	0.2	6.1	0.07	< .01	25	0.1	< .02
FJ02T13	0687826	5045344	0.006	0.14	0.1	4.1	0.1	< .01	15	0.2	0.02
FJ02T13FD	0687826	5045344	0.017	0.13	0.1	3.8	0.09	< .01	12	0.1	0.02
FJ02T14	0688348	5042525	0.005	0.06	0.2	2.6	0.08	< .01	32	0.3	< .02
FJ02V11	0690147	5049114	0.009	0.09	0.5	3.4	0.08	0.02	14	0.1	< .02
FJ02V12	0690487	5047313	0.006	0.12	0.3	4.1	0.1	< .01	9	< .1	0.02
FJ02V13	0689861	5044469	0.005	0.08	0.2	3.6	0.08	0.01	14	0.2	< .02
FJ02V14.5	0690362	5042016	0.007	0.12	0.2	4	0.09	< .01	15	0.3	0.02
FJ02W12	0691913	5046854	0.008	0.13	0.4	4.7	0.1	< .01	19	0.1	< .02
FJ02W13	0692130	5045120	0.007	0.12	0.3	4.2	0.1	< .01	15	< .1	0.02
FJ02W14	0691835	5043000	0.01	0.17	0.2	4.7	0.11	0.02	13	< .1	< .02
FJ02X13	0693963	5044723	0.011	0.18	0.3	5.1	0.11	0.01	20	0.2	< .02
FJ02X14	0693379	5042835	0.008	0.14	0.2	4	0.1	< .01	17	< .1	< .02
FJ0288-16	0672850	5054200	0.006	0.12	0.1	5.4	0.1	0.01	20	< .1	0.03
FJ0288-39	0675950	5058000	0.009	0.12	0.2	5.7	0.12	0.02	27	0.2	0.02
FJ0288-40	0681400	5049800	0.004	0.09	< .1	4	0.08	< .01	12	0.1	0.02
FJ0288-41	0678250	5044650	0.004	0.08	0.3	4.1	0.08	0.02	11	0.3	0.02
FJ0288-43	0659950	5046050	0.006	0.16	0.2	5	0.13	0.02	24	0.3	< .02
FJ0288-45	0666800	5049050	0.007	0.15	0.1	5.4	0.1	0.02	23	< .1	0.02

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

ACME ANALYTICAL LABORATORIES LTD.				
DNRE - Minerals Division				
Acme file # A300127 Received: JAN 17 20				
Analysis: GROUP 1F5 - 5.00 GM				
	UTM Eastings	UTM Northings	Ga	Sample
	NAD27 (m)	NAD27 (m)	ppm	gm
FJ02A02	0656061	5066079	5.8	5
FJ02A04	0655853	5063795	5.8	5
FJ02A06	0655819	5058803	4.4	5
FJ02B03	0657236	5065475	6	5
FJ02B05	0657777	5060867	4.8	5
FJ02B07	0657737	5057342	6.6	5
FJ02B11	0658085	5048630	7	5
FJ02B13	0658151	5045248	4.6	5
FJ02B14	0657780	5042905	3.6	5
FJ02B15	0657942	5041299	6	5
FJ02C02	0660279	5067308	7.3	5
FJ02C06	0660310	5058482	6.6	5
FJ02C08.5	0659996	5053840	5.8	5
FJ02C10	0660150	5050709	6.7	5
FJ02C12	0659733	5047203	6.3	5
FJ02C13	0660105	5045201	7.4	5
FJ02C13FD	0660105	5045201	7.4	5
FJ02C14	0659650	5042707	4.9	5
FJ02C15	0660503	5040866	6.7	5
FJ02CD03.5	0661159	5064143	6	1
FJ02D05	0661799	5060836	6.4	5
FJ02D07	0662193	5057125	6.7	5
FJ02D11	0662001	5048453	5.9	5
FJ02D12	0662095	5046904	5.8	5
FJ02D13	0661951	5045140	7.1	5
FJ02D14.5	0661924	5041833	4.5	5
FJ02DE09.5	0662807	5052020	5.5	5
FJ02E02	0663410	5066595	6.6	5
FJ02E04	0664470	5062977	7.6	5
FJ02E06	0664389	5059266	5.4	5
FJ02E06FD	0664389	5059266	5.5	5
FJ02E08	0663922	5055230	4.5	5
FJ02E12	0663795	5047161	7.1	5
FJ02E13	0664598	5045146	5.9	5
FJ02E14	0663959	5042861	6.8	5
FJ02E15	0663835	5041475	5.7	5
FJ02F12	0665961	5047257	5.4	5
FJ02F13	0666692	5044518	6.3	5
FJ02F14C1	0666148	5043021	6.3	5
FJ02F14C2	0666148	5043021	3.7	5
FJ02F14C3	0666148	5043021	5.2	5
FJ02F15	0665994	5040916	5.3	5
FJ02G01.5	0667833	5068139	5.9	5
FJ02G05	0668370	5061522	7.1	5

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

	UTM Eastings	UTM Northings	Ga	Sample
	NAD27 (m)	NAD27 (m)	ppm	gm
FJ02G08	0668235	5054879	6.1	5
FJ02G11	0668191	5048546	5.5	5
FJ02G12	0668221	5046660	5.9	5
FJ02G13	0667591	5045036	7.9	5
FJ02G14	0668084	5043069	5.3	5
FJ02G15	0668347	5041242	6.3	1
FJ02H11	0669683	5048886	5.7	5
FJ02H12	0670825	5046576	3.2	5
FJ02H13	0669442	5044955	6.2	5
FJ02H14	0670040	5043045	6.4	5
FJ02H14FD	0670040	5043045	6.8	5
FJ02H15	0670101	5041145	6.7	5
FJ02HK09.5	0671148	5051963	6.1	5
FJ02K11	0672341	5048892	5.9	5
FJ02K13	0672344	5044984	5.3	5
FJ02K14	0671581	5042548	8.2	1
FJ02K15	0671616	5040682	5	5
FJ02L07	0674658	5056736	5	5
FJ02L10	0673400	5051097	6.2	5
FJ02L11	0673594	5049063	5.5	5
FJ02L13	0673858	5044695	4.3	5
FJ02L14	0674124	5043398	4.8	5
FJ02L15	0674353	5041049	4.8	5
FJ02M05	0676471	5060703	5.9	5
FJ02M10	0675948	5051237	5.7	5
FJ02M11	0675593	5049313	6	5
FJ02M12	0676021	5046867	5.2	5
FJ02M12FD	0676021	5046867	5.6	5
FJ02M13	0675871	5045066	4.9	5
FJ02M14	0675912	5043090	5	5
FJ02M15	0675894	5040965	5.8	5
FJ02N10	0678229	5051321	7.8	5
FJ02N11-A	0677838	5049117	4.9	5
FJ02N11-B	0677765	5049209	5.3	5
FJ02N12	0678041	5047197	3.9	5
FJ02N13	0677770	5045035	5.2	5
FJ02N14	0678018	5042983	5.8	5
FJ02N15	0678027	5041166	3.2	1
FJ02P10	0680012	5050993	4.6	5
FJ02P11	0680398	5049077	4.8	5
FJ02P12	0679802	5046990	5.6	5
FJ02P13	0680478	5044587	5.3	5
FJ02P14	0679979	5042672	5.6	5
FJ02P15	0679939	5041048	5.3	5
FJ02PQ07	0681104	5056234	6.2	5
FJ02Q10	0681788	5051021	5	5
FJ02Q11	0681922	5049273	4	5
FJ02Q12	0681805	5046948	5.2	5
FJ02Q13	0682049	5045240	5.3	5

Appendix 2. Analytical Data, Fredericton Junction Map Area (NTS 21 G/10)

	UTM Eastings	UTM Northings	Ga	Sample
	NAD27 (m)	NAD27 (m)	ppm	gm
FJ02Q14	0681649	5042746	4.8	5
FJ02R08	0684083	5055631	6	5
FJ02R10	0684032	5051020	6	5
FJ02R11	0684180	5048651	5.5	5
FJ02R12	0684443	5047324	4.9	5
FJ02R13	0684241	5044740	5.2	5
FJ02R14	0683753	5042978	6.2	5
FJ02S09	0685260	5052931	5.3	5
FJ02S10	0686096	5051472	4.4	5
FJ02S11	0686079	5048672	4.9	5
FJ02S12	0685755	5047248	5.1	5
FJ02S13	0686014	5044945	3.9	5
FJ02S14	0685952	5042725	4.8	1
FJ02T10	0687837	5050755	4.4	5
FJ02T12	0687903	5047053	5.3	5
FJ02T13	0687826	5045344	5.3	5
FJ02T13FD	0687826	5045344	4.9	5
FJ02T14	0688348	5042525	4.1	5
FJ02V11	0690147	5049114	4.3	5
FJ02V12	0690487	5047313	5.5	5
FJ02V13	0689861	5044469	4.1	5
FJ02V14.5	0690362	5042016	4.9	5
FJ02W12	0691913	5046854	5.4	5
FJ02W13	0692130	5045120	5.5	5
FJ02W14	0691835	5043000	5.6	5
FJ02X13	0693963	5044723	6.6	5
FJ02X14	0693379	5042835	5.3	5
FJ0288-16	0672850	5054200	5.5	5
FJ0288-39	0675950	5058000	6	5
FJ0288-40	0681400	5049800	4.9	5
FJ0288-41	0678250	5044650	4.6	5
FJ0288-43	0659950	5046050	6.8	5
FJ0288-45	0666800	5049050	5.5	5

Appendix 3.

Site Data and Till Properties,

Fredericton Junction Map Area (NTS 21 G/10)

Site Data and Till Properties, Fredericton Junction Map Area (NTS 21 G/10)

Landform	Texture	Consistency
bT = basal till	S = sand	LO = loose
aT = ablation till	LS = loamy sand	VFR = very friable
GM = glaciomarine	SL = sandy loam	FR = friable
GF = glaciofluvial	SiL = silt loam	F = firm
IC = ice contact	L = loam	VF = very firm
R = bedrock	SCL = sandy-clay loam	**LEGEND**
Rx = broken bedrock	CL = clay loam	
v = veneer	C = clay	
b = blanket	( ) = de-emphasis	

Sample ID	UTM Easting (NAD27)	UTM Northing (NAD27)	Landform	Texture	Colour
FJ02A02	0656061	5066079	bT	SCL	10YR5/4
FJ02A04	0655853	5063795	bT	L	10YR5/4
FJ02A06	0655819	5058803	aT	L	10YR5/4
FJ02B03	0657236	5065475	bT	SCL	10YR5/4
FJ02B05	0657777	5060867	bT	SiL	75YR5/4
FJ02B07	0657737	5057342	bT	L	75YR4/3
FJ02B11	0658085	5048630	bT	L	10YR5/3
FJ02B13	0658151	5045248	bT	(S)L	25Y6/4
FJ02B14	0657780	5042905	aT	LS	25Y5/3
FJ02B15	0657942	5041299	bT	L	10YR4/3
FJ02C02	0660279	5067308	bT	SCL	25Y4/3
FJ02C06	0660310	5058482	bT	S(C)L	10YR5/4
FJ02C08.5	0659996	5053840	bT	L	75YR5/3
FJ02C10	0660150	5050709	bT	L	25YR5/3
FJ02C12	0659733	5047203	bT	(S)L	10YR5/3
FJ02C13	0660105	5045201	bT	SCL	25Y5/3
FJ02C13FD	0660105	5045201	bT	SCL	25Y5/3
FJ02C14	0659650	5042707	aT	SL	25Y5/3
FJ02C15	0660503	5040866	bT	L	25Y5/3
FJ02CD03.5	0661159	5064143	bT	(S)L	10YR5/3
FJ02D05	0661799	5060836	bT	SiL	10YR5/6
FJ02D07	0662193	5057125	bT	SCL	75YR5/3
FJ02D11	0662001	5048453	bT	SL	10YR5/3
FJ02D12	0662095	5046904	bT	L	10YR5/4
FJ02D13	0661951	5045140	bT	SCL	10YR6/3
FJ02D14.5	0661924	5041833	bT/Rx	(S)L	75YR5/3
FJ02DE09.5	0662807	5052020	bT	L	75YR5/3
FJ02E02	0663410	5066595	bT	SiL	75YR5/3
FJ02E04	0664470	5062977	bT	L	75YR5/3
FJ02E06	0664389	5059266	bT	SCL	25YR4/2
FJ02E06FD	0664389	5059266	bT	SCL	25YR4/2
FJ02E08	0663922	5055230	bT?	CL	25YR4/3
FJ02E12	0663795	5047161	bT	L	10YR5/4
FJ02E13	0664598	5045146	bT	L	10YR5/4
FJ02E14	0663959	5042861	bT	SCL	25Y5/3
FJ02E15	0663835	5041475	bTv/Rx	L	10YR5/3
FJ02F12	0665961	5047257	bT	L	25Y5/3
FJ02F13	0666692	5044518	aT	SL	75YR4/2
FJ02F14C1	0666148	5043021	bT/GF/bT	SCL	75YR4/3

Site Data and Till Properties, Fredericton Junction Map Area (NTS 21 G/10)

Sample ID	UTM Easting (NAD27)	UTM Northing (NAD27)	Landform	Texture	Colour
FJ02F14C2	0666148	5043021	bT/GF/bT	Gravel	
FJ02F14C3	0666148	5043021	bT/GF/bT	L	25Y5/3
FJ02F15	0665994	5040916	bT	SL	75YR4/4
FJ02G01.5	0667833	5068139	bT	L	10YR5/3
FJ02G05	0668370	5061522	bT	L	10YR4/3
FJ02G08	0668235	5054879	bT	SCL	75YR4/3
FJ02G11	0668191	5048546	bT	L	25Y4/2
FJ02G12	0668221	5046660	bT	SCL	75YR3/4
FJ02G13	0667591	5045036	bT	L	75YR5/4
FJ02G14	0668084	5043069	bT	L	10YR5/4
FJ02G15	0668347	5041242	bT	(S)L	75YR4/4
FJ02H11	0669683	5048886	bT	SCL	5YR4/3
FJ02H12	0670825	5046576	bT	L	25YR5/3
FJ02H13	0669442	5044955	bT	SCL	5YR4/3
FJ02H14	0670040	5043045	bt\aTv	SCL	75YR4/3
FJ02H14FD	0670040	5043045	bt\aTv	SCL	75YR4/3
FJ02H15	0670101	5041145	bT	(S)L	75YR3/4
FJ02HK09.5	0671148	5051963	bT	SCL	5YR4/3
FJ02K11	0672341	5048892	bT	(S)L	75YR4/3
FJ02K13	0672344	5044984	bT	L	5YR4/4
FJ02K14	0671581	5042548	bT	(S)L	75YR4/3
FJ02K15	0671616	5040682	bTv/Rx	L	10YR4/4
FJ02L07	0674658	5056736	bT	(S)L	75YR5/3
FJ02L10	0673400	5051097	bT	SCL	5YR4/3
FJ02L11	0673594	5049063	bT	L	75YR4/3
FJ02L13	0673858	5044695	bTv/Rx	SL	75YR4/4
FJ02L14	0674124	5043398	aT	SL	75YR4/3
FJ02L15	0674353	5041049	bT	SCL	5YR4/3
FJ02M05	0676471	5060703	bT	SCL	5YR4/3
FJ02M10	0675948	5051237	bT	S(C)L	5YR4/3
FJ02M11	0675593	5049313	bTv/R	L	75YR5/4
FJ02M12	0676021	5046867	bT	SCL	5YR4/2
FJ02M12FD	0676021	5046867	bT	SCL	5YR4/2
FJ02M13	0675871	5045066	bT	(S)L	5YR4/3
FJ02M14	0675912	5043090	bT	SCL	5YR4/3
FJ02M15	0675894	5040965	bT	CL	5YR5/3
FJ02N10	0678229	5051321	aT	SL	75YR4/3
FJ02N11-A	0677838	5049117	aT	(S)L	75YR4/3
FJ02N11-B	0677765	5049209	bT	Sil	10YR5/3
FJ02N12	0678041	5047197	bT	SL	75YR4/4
FJ02N13	0677770	5045035	bT	SL	75YR4/3
FJ02N14	0678018	5042983	bT	S(C)L	75YR4/3
FJ02N15	0678027	5041166	aT	LS	75YR4/3
FJ02P10	0680012	5050993	bT	L	25YR3/3
FJ02P11	0680398	5049077	bT	SCL	5YR5/3
FJ02P12	0679802	5046990	bTv/Rx	(S)L	75YR5/3
FJ02P13	0680478	5044587	bT	S(C)L	75YR5/3
FJ02P14	0679979	5042672	bT	SiL	75YR4/3
FJ02P15	0679939	5041048	bT	L	5YR4/4
FJ02PQ07	0681104	5056234	bT	SCL	5YR5/3

Site Data and Till Properties, Fredericton Junction Map Area (NTS 21 G/10)

Sample ID	UTM Easting (NAD27)	UTM Northing (NAD27)	Landform	Texture	Colour
FJ02Q10	0681788	5051021	bT	S(C)L	25YR3/3
FJ02Q11	0681922	5049273	aT	SL	5YR4/3
FJ02Q12	0681805	5046948	aT	SL	5YR4/3
FJ02Q13	0682049	5045240	bT	L	5YR4/3
FJ02Q14	0681649	5042746	bT	L	75YR4/2
FJ02R08	0684083	5055631	bT	L	75YR5/3
FJ02R10	0684032	5051020	bT?	SiL	5YR5/3
FJ02R11	0684180	5048651	bT	SL	25YR3/3
FJ02R12	0684443	5047324	bT	SCL	25YR3/4
FJ02R13	0684241	5044740	bT	SCL	5YR4/3
FJ02R14	0683753	5042978	bTv/Rx	(S)L	10YR5/3
FJ02S09	0685260	5052931	bT-meltout	SiL	75YR4/3
FJ02S10	0686096	5051472	bTv/R	Sil	5YR5/3
FJ02S11	0686079	5048672	bT	SCL	25YR3/4
FJ02S12	0685755	5047248	aT	(S)L	75YR5/3
FJ02S13	0686014	5044945	Gmv/bTv/R	SiL	5YR4/4
FJ02S14	0685952	5042725	bT	L	10YR5/4
FJ02T10	0687837	5050755	bT	(S)L	5YR4/4
FJ02T12	0687903	5047053	bT	SiL	75YR4/3
FJ02T13	0687826	5045344	bT	(SC)L	5YR4/3
FJ02T13FD	0687826	5045344	bT	(SC)L	5YR4/3
FJ02T14	0688348	5042525	bTv/R	LS	75YR4/3
FJ02V11	0690147	5049114	bT	SL	75YR4/3
FJ02V12	0690487	5047313	bT	L	5YR5/3
FJ02V13	0689861	5044469	bT	(S)L	75YR5/3
FJ02V14.5	0690362	5042016	bT	SiL	75YR5/4
FJ02W12	0691913	5046854	bT	L	5YR4/4
FJ02W13	0692130	5045120	bT	L	5YR4/3
FJ02W14	0691835	5043000	bT	SCL	5YR4/3
FJ02X13	0693963	5044723	bT	SCL	5YR4/3
FJ02X14	0693379	5042835	bT	L	5YR4/3
FJ0288-16	0672850	5054200	bT	SCL	5YR4/4
FJ0288-39	0675950	5058000	bT	SCL	5YR4/3
FJ0288-40	0681400	5049800	bT	SiL	5YR5/3
FJ0288-41	0678250	5044650	bT	SiL	5YR4/3
FJ0288-43	0659950	5046050	bT	SiL	10YR4/3
FJ0288-45	0666800	5049050	bT	SCL	5YR4/3

Site Data and Till Properties, Fredericton Junction Map Area (NTS 21 G/10)

Landform	Texture	Consistency
bT = basal till	S = sand	LO = loose
aT = ablation till	LS = loamy sand	VFR = very friable
GM = glaciomarine	SL = sandy loam	FR = friable
GF = glaciofluvial	SiL = silt loam	F = firm
IC = ice contact	L = loam	VF = very firm
R = bedrock	SCL = sandy-clay loam	**LEGEND**
Rx = broken bedrock	CL = clay loam	
v = veneer	C = clay	
b = blanket	( ) = de-emphasis	

Sample ID	UTM Easting (NAD27)	UTM Northing (NAD27)	Notes	Depth to Base (cm)	Sand %	Silt %	Clay %	Sedimentary Clasts (%) *Sandstone* Red	Grey
FJ02A02	0656061	5066079	Disturbed		44	30	26	0.0	70.3
FJ02A04	0655853	5063795		51	45	31	24	0.0	80.0
FJ02A06	0655819	5058803		63	51	38	11	20.8	71.7
FJ02B03	0657236	5065475		63	47	30	23	0.0	59.6
FJ02B05	0657777	5060867		51	38	39	23	0.0	83.3
FJ02B07	0657737	5057342		49	43	29	28	11.4	65.7
FJ02B11	0658085	5048630		55	56	25	19	0.0	61.5
FJ02B13	0658151	5045248		60	52	37	11	5.7	82.9
FJ02B14	0657780	5042905		73	71	28	1	12.8	57.4
FJ02B15	0657942	5041299		67	57	28	15	0.0	51.9
FJ02C02	0660279	5067308		50	40	30	30	0.0	77.2
FJ02C06	0660310	5058482		66	48	30	22	0.0	70.8
FJ02C08.5	0659996	5053840		57	43	31	26	3.5	63.2
FJ02C10	0660150	5050709	Disturbed	42	35	39	26	7.0	76.7
FJ02C12	0659733	5047203		56	58	25	17	2.0	58.8
FJ02C13	0660105	5045201		73	41	32	27	0.0	62.5
FJ02C13FD	0660105	5045201		73	41	32	27		
FJ02C14	0659650	5042707		59	75	24	1	2.9	74.3
FJ02C15	0660503	5040866		73	60	30	10	0.0	65.6
FJ02CD03.5	0661159	5064143	Disturbed upper	86	50	34	16	0.0	82.7
FJ02D05	0661799	5060836		64	54	31	15	18.9	69.5
FJ02D07	0662193	5057125		45	47	27	26	0.0	83.3
FJ02D11	0662001	5048453		49	57	29	14	0.0	69.6
FJ02D12	0662095	5046904		55	58	28	14	2.0	58.8
FJ02D13	0661951	5045140		51	45	29	26	5.9	55.9
FJ02D14.5	0661924	5041833		49	66	29	5	6.2	44.4
FJ02DE09.5	0662807	5052020		46	46	30	24	23.1	46.2
FJ02E02	0663410	5066595		52	45	35	20	2.1	87.5
FJ02E04	0664470	5062977		55	65	22	13	32.3	67.7
FJ02E06	0664389	5059266		68	43	31	26	54.8	45.2
FJ02E06FD	0664389	5059266		68	43	33	24		
FJ02E08	0663922	5055230		73	47	38	15	36.7	60.0
FJ02E12	0663795	5047161		84	44	28	28	7.3	50.9
FJ02E13	0664598	5045146		71	60	25	15	0.0	100.0
FJ02E14	0663959	5042861		57	44	29	27	0.0	75.6
FJ02E15	0663835	5041475		51	51	33	16	12.7	61.8
FJ02F12	0665961	5047257		49	56	33	11	9.5	57.1
FJ02F13	0666692	5044518		39	69	23	8	2.0	64.7
FJ02F14C1	0666148	5043021		74	45	28	27	2.0	77.6

Site Data and Till Properties, Fredericton Junction Map Area (NTS 21 G/10)

Sample ID	UTM Easting (NAD27)	UTM Northing (NAD27)	Notes	Depth to Base (cm)	Sand %	Silt %	Clay %	Sedimentary Clasts (%) *Sandstone* Red	Sedimentary Clasts (%) *Sandstone* Grey
FJ02F14C2	0666148	5043021							
FJ02F14C3	0666148	5043021		274	39	45	16	0.0	82.6
FJ02F15	0665994	5040916		96	67	28	5	0.0	76.9
FJ02G01.5	0667833	5068139		51	59	25	16	0.0	82.6
FJ02G05	0668370	5061522		66	40	30	30	4.2	89.6
FJ02G08	0668235	5054879	Disturbed upper	70	40	31	29	3.1	65.6
FJ02G11	0668191	5048546		79	59	25	16	0.0	100.0
FJ02G12	0668221	5046660		55	42	32	26	20.0	72.5
FJ02G13	0667591	5045036		62	61	29	10	0.0	43.0
FJ02G14	0668084	5043069		79	56	29	15	7.7	78.8
FJ02G15	0668347	5041242		51	65	25	10	3.0	82.1
FJ02H11	0669683	5048886		105	44	27-Jan	29	2.2	88.9
FJ02H12	0670825	5046576		69	60	29	11	35.3	37.3
FJ02H13	0669442	5044955		40	41	28	31	4.7	86.0
FJ02H14	0670040	5043045		61	43	26	31	0.0	88.6
FJ02H14FD	0670040	5043045		61	43	24	33		
FJ02H15	0670101	5041145		79	56	26	18	8.2	69.4
FJ02HK09.5	0671148	5051963		44	42	27	31	16.1	78.6
FJ02K11	0672341	5048892		62	65	22	13	2.3	93.2
FJ02K13	0672344	5044984		53	41	27	32	10.2	44.9
FJ02K14	0671581	5042548		59	68	23	9	0.0	5.8
FJ02K15	0671616	5040682		60	48	37	15	0.0	18.9
FJ02L07	0674658	5056736		80	52	32	16	13.2	71.1
FJ02L10	0673400	5051097		53	38	30	32	20.6	73.5
FJ02L11	0673594	5049063		92	57	28	15	6.8	91.8
FJ02L13	0673858	5044695		111	54	39	7	0.0	0.0
FJ02L14	0674124	5043398		84	70	25	5	0.0	62.7
FJ02L15	0674353	5041049	Disturbed upper	57	39	43	18	0.0	82.6
FJ02M05	0676471	5060703		67	42	31	27	7.3	75.6
FJ02M10	0675948	5051237		51	39	29	32		
FJ02M11	0675593	5049313		71	41	27	32	0.0	100.0
FJ02M12	0676021	5046867		62	53	30	17	7.4	81.5
FJ02M12FD	0676021	5046867		62	45	30	25		
FJ02M13	0675871	5045066		86	67	22	11	7.7	76.9
FJ02M14	0675912	5043090		75	26	53	21	3.8	84.6
FJ02M15	0675894	5040965		59	39	35	26	22.2	69.4
FJ02N10	0678229	5051321		57	75	14	11	2.5	93.2
FJ02N11-A	0677838	5049117		93	61	32	7	0.0	82.4
FJ02N11-B	0677765	5049209			56	29	15		
FJ02N12	0678041	5047197		81	58	37	5	2.4	10.8
FJ02N13	0677770	5045035		50	58	35	7	4.5	13.6
FJ02N14	0678018	5042983		79	33	43	24	5.5	52.7
FJ02N15	0678027	5041166		119	82	18	0	0.0	1.3
FJ02P10	0680012	5050993		70	52	30	18	36.2	51.1
FJ02P11	0680398	5049077		79	29	46	25	3.4	36.2
FJ02P12	0679802	5046990		55	60	31	9	0.0	12.5
FJ02P13	0680478	5044587		78	28	51	21	0.0	0.0
FJ02P14	0679979	5042672		60	56	32	12	0.0	43.6
FJ02P15	0679939	5041048		65	42	38	20	0.0	84.5
FJ02PQ07	0681104	5056234		52	37	32	31	9.7	66.7

Site Data and Till Properties, Fredericton Junction Map Area (NTS 21 G/10)

Sample ID	UTM Easting (NAD27)	UTM Northing (NAD27)	Notes	Depth to Base (cm)	Sand %	Silt %	Clay %	Sedimentary Clasts (%) *Sandstone* Red	Sedimentary Clasts (%) *Sandstone* Grey
FJ02Q10	0681788	5051021			47	32	21	55.9	37.3
FJ02Q11	0681922	5049273		78	73	22	5	17.6	64.8
FJ02Q12	0681805	5046948		93	68	22	10	4.6	38.0
FJ02Q13	0682049	5045240		50	63	25	12	9.7	64.5
FJ02Q14	0681649	5042746		53	47	36	17	0.0	20.0
FJ02R08	0684083	5055631		50	40	34	26	3.2	46.8
FJ02R10	0684032	5051020		48	39	36	25	33.3	60.8
FJ02R11	0684180	5048651	Disturbed upper	27	46	31	23	14.3	82.1
FJ02R12	0684443	5047324		62	49	30	21	10.4	70.8
FJ02R13	0684241	5044740		66	40	30	30	6.3	58.3
FJ02R14	0683753	5042978		75	55	29	16	0.0	68.1
FJ02S09	0685260	5052931		77	49	38	13	40.7	55.6
FJ02S10	0686096	5051472		71	48	37	15	4.2	86.1
FJ02S11	0686079	5048672		93	46	27	27	14.4	67.0
FJ02S12	0685755	5047248		72	71	22	7	7.0	54.4
FJ02S13	0686014	5044945		72	55	36	9	0.0	73.4
FJ02S14	0685952	5042725		75	47	39	14	4.8	89.3
FJ02T10	0687837	5050755		49	65	25	10	20.0	66.7
FJ02T12	0687903	5047053		74	63	28	9	7.8	58.8
FJ02T13	0687826	5045344		101	51	26	23	3.1	75.0
FJ02T13FD	0687826	5045344		101	50	27	23		
FJ02T14	0688348	5042525		35	73	21	6	0.0	76.5
FJ02V11	0690147	5049114		63	60	26	14	0.0	84.8
FJ02V12	0690487	5047313		54	49	29	22	5.4	76.8
FJ02V13	0689861	5044469		70	58	31	11	0.0	70.2
FJ02V14.5	0690362	5042016		44	33	44	23	4.3	66.0
FJ02W12	0691913	5046854		50	56	25	19	3.4	84.5
FJ02W13	0692130	5045120		54	49	28	23	3.5	80.7
FJ02W14	0691835	5043000		53	51	25	24	3.8	76.9
FJ02X13	0693963	5044723		53	44	29	27	3.1	64.1
FJ02X14	0693379	5042835		50	49	27	24	0.0	86.0
FJ0288-16	0672850	5054200	fabric site	70	46	27	27		
FJ0288-39	0675950	5058000	fabric site	60	39	27	34		
FJ0288-40	0681400	5049800	fabric site	100	42	35	23		
FJ0288-41	0678250	5044650	fabric site	120	42	45	13		
FJ0288-43	0659950	5046050	fabric site	80	45	30	25		
FJ0288-45	0666800	5049050	fabric site	110	43	28	29		

Site Data and Till Properties, Fredericton Junction Map Area (NTS 21 G/10)

Landform	Texture	Consistency
bT = basal till	S = sand	LO = loose
aT = ablation till	LS = loamy sand	VFR = very friable
GM = glaciomarine	SL = sandy loam	FR = friable
GF = glaciofluvial	SiL = silt loam	F = firm
IC = ice contact	L = loam	VF = very firm
R = bedrock	SCL = sandy-clay loam	**LEGEND**
Rx = broken bedrock	CL = clay loam	
v = veneer	C = clay	
b = blanket	( ) = de-emphasis	

Sample ID	UTM Easting (NAD27)	UTM Northing (NAD27)	Sedimentary Clasts (%)					Intrusive Clasts (%)		
			Conglom.		*Met.Sed*			*Granites*	*Inter.*	*Gabbros*
			Red	Grey	Slatey	SMS	Schist.			
FJ02A02	0656061	5066079	0.0	0.0	6.3	1.6	3.1	9.4	0.0	0.0
FJ02A04	0655853	5063795	0.0	2.5	5.0	0.0	0.0	2.5	7.5	2.5
FJ02A06	0655819	5058803	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02B03	0657236	5065475	0.0	2.1	21.3	0.0	0.0	12.8	0.0	2.1
FJ02B05	0657777	5060867	0.0	1.9	0.0	1.9	0.0	7.4	0.0	0.0
FJ02B07	0657737	5057342	0.0	0.0	11.4	0.0	0.0	2.9	0.0	0.0
FJ02B11	0658085	5048630	0.0	1.5	9.2	0.0	0.0	15.4	0.0	1.5
FJ02B13	0658151	5045248	0.0	0.0	5.7	0.0	0.0	2.9	0.0	0.0
FJ02B14	0657780	5042905	0.0	6.4	6.4	0.0	0.0	8.5	0.0	4.3
FJ02B15	0657942	5041299	0.0	0.0	0.0	0.0	0.0	29.6	3.7	3.7
FJ02C02	0660279	5067308	0.0	0.0	12.3	0.0	0.0	7.0	0.0	0.0
FJ02C06	0660310	5058482	0.0	0.0	0.0	0.0	0.0	16.7	0.0	6.3
FJ02C08.5	0659996	5053840	0.0	0.0	7.0	0.0	0.0	1.8	0.0	7.0
FJ02C10	0660150	5050709	0.0	0.0	2.3	0.0	0.0	11.6	0.0	2.3
FJ02C12	0659733	5047203	0.0	2.0	0.0	0.0	0.0	21.6	0.0	2.0
FJ02C13	0660105	5045201	0.0	3.1	0.0	3.1	0.0	18.8	0.0	6.3
FJ02C13FD	0660105	5045201								
FJ02C14	0659650	5042707	0.0	5.7	2.9	0.0	0.0	2.9	0.0	0.0
FJ02C15	0660503	5040866	0.0	3.1	0.0	0.0	0.0	25.0	0.0	0.0
FJ02CD03.5	0661159	5064143	0.0	0.0	8.6	0.0	0.0	6.2	0.0	0.0
FJ02D05	0661799	5060836	0.0	4.2	4.2	0.0	0.0	0.0	0.0	0.0
FJ02D07	0662193	5057125	0.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0
FJ02D11	0662001	5048453	1.4	1.4	1.4	0.0	0.0	15.9	0.0	0.0
FJ02D12	0662095	5046904	0.0	3.9	5.9	0.0	0.0	2.0	0.0	9.8
FJ02D13	0661951	5045140	0.0	5.9	0.0	0.0	0.0	14.7	0.0	5.9
FJ02D14.5	0661924	5041833	0.0	0.0	44.4	1.2	0.0	1.2	0.0	0.0
FJ02DE09.5	0662807	5052020	0.0	1.9	11.5	0.0	0.0	3.8	0.0	0.0
FJ02E02	0663410	5066595	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0
FJ02E04	0664470	5062977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02E06	0664389	5059266	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02E06FD	0664389	5059266								
FJ02E08	0663922	5055230	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0
FJ02E12	0663795	5047161	0.0	0.0	18.2	1.8	0.0	9.1	0.0	9.1
FJ02E13	0664598	5045146	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02E14	0663959	5042861	0.0	0.0	9.8	0.0	0.0	4.9	0.0	2.4
FJ02E15	0663835	5041475	0.0	1.8	18.2	0.0	0.0	1.8	0.0	1.8
FJ02F12	0665961	5047257	4.8	14.3	0.0	0.0	0.0	4.8	0.0	0.0
FJ02F13	0666692	5044518	0.0	7.8	0.0	0.0	0.0	2.0	0.0	0.0
FJ02F14C1	0666148	5043021	0.0	0.0	2.0	0.0	0.0	0.0	4.1	0.0

Site Data and Till Properties, Fredericton Junction Map Area (NTS 21 G/10)

Sample ID	UTM Easting	UTM Northing	Sedimentary Clasts (%)					Intrusive Clasts (%)		
	(NAD27)	(NAD27)	*Conglom.*		*Met.Sed*			*Granites*	*Inter.*	*Gabbros*
			Red	Grey	Slatey	SMS	Schist.			
FJ02F14C2	0666148	5043021								
FJ02F14C3	0666148	5043021	0.0	0.0	0.0	0.0	0.0	8.7	0.0	4.3
FJ02F15	0665994	5040916	0.0	1.9	1.9	0.0	0.0	5.8	0.0	0.0
FJ02G01.5	0667833	5068139	0.0	0.0	0.0	0.0	0.0	13.0	0.0	4.3
FJ02G05	0668370	5061522	0.0	0.0	0.0	0.0	0.0	2.1	0.0	2.1
FJ02G08	0668235	5054879	0.0	15.6	0.0	0.0	0.0	6.3	3.1	0.0
FJ02G11	0668191	5048546	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02G12	0668221	5046660	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02G13	0667591	5045036	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02G14	0668084	5043069	0.0	1.9	5.8	0.0	0.0	1.9	0.0	0.0
FJ02G15	0668347	5041242	0.0	4.5	0.0	0.0	0.0	6.0	0.0	0.0
FJ02H11	0669683	5048886	0.0	4.4	0.0	0.0	0.0	2.2	0.0	0.0
FJ02H12	0670825	5046576	9.8	0.0	0.0	0.0	0.0	2.0	0.0	2.0
FJ02H13	0669442	5044955	0.0	2.3	0.0	0.0	0.0	4.7	0.0	2.3
FJ02H14	0670040	5043045	0.0	2.9	0.0	0.0	0.0	5.7	0.0	0.0
FJ02H14FD	0670040	5043045								
FJ02H15	0670101	5041145	0.0	2.0	0.0	0.0	0.0	8.2	0.0	2.0
FJ02HK09.5	0671148	5051963	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0
FJ02K11	0672341	5048892	2.3	0.0	0.0	0.0	0.0	0.0	0.0	2.3
FJ02K13	0672344	5044984	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0
FJ02K14	0671581	5042548	0.0	0.0	0.0	0.0	0.0	0.0	94.2	0.0
FJ02K15	0671616	5040682	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0
FJ02L07	0674658	5056736	0.0	5.3	0.0	0.0	0.0	2.6	0.0	5.3
FJ02L10	0673400	5051097	0.0	2.9	0.0	0.0	0.0	0.0	2.9	0.0
FJ02L11	0673594	5049063	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
FJ02L13	0673858	5044695	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02L14	0674124	5043398	2.0	2.0	0.0	0.0	0.0	3.9	0.0	2.0
FJ02L15	0674353	5041049	0.0	4.3	0.0	0.0	0.0	4.3	0.0	4.3
FJ02M05	0676471	5060703	2.4	4.9	0.0	0.0	0.0	4.9	0.0	4.9
FJ02M10	0675948	5051237								
FJ02M11	0675593	5049313	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02M12	0676021	5046867	0.0	0.0	0.0	0.0	0.0	0.0	3.7	3.7
FJ02M12FD	0676021	5046867								
FJ02M13	0675871	5045066	0.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0
FJ02M14	0675912	5043090	3.8	0.0	0.0	0.0	0.0	0.0	0.0	7.7
FJ02M15	0675894	5040965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02N10	0678229	5051321	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0
FJ02N11-A	0677838	5049117	0.0	14.9	0.0	0.0	0.0	0.0	0.0	0.0
FJ02N11-B	0677765	5049209								
FJ02N12	0678041	5047197	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
FJ02N13	0677770	5045035	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02N14	0678018	5042983	0.0	5.5	0.0	0.0	0.0	1.8	0.0	0.0
FJ02N15	0678027	5041166	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02P10	0680012	5050993	0.0	0.0	4.3	0.0	0.0	0.0	6.4	0.0
FJ02P11	0680398	5049077	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02P12	0679802	5046990	0.0	0.0	1.6	0.0	0.0	1.6	0.0	0.0
FJ02P13	0680478	5044587	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02P14	0679979	5042672	1.3	0.0	0.0	0.0	0.0	1.3	0.0	1.3
FJ02P15	0679939	5041048	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02PQ07	0681104	5056234	0.0	4.2	4.2	0.0	0.0	1.4	0.0	1.4

Site Data and Till Properties, Fredericton Junction Map Area (NTS 21 G/10)

Sample ID	UTM Easting	UTM Northing	Sedimentary Clasts (%)					Intrusive Clasts (%)		
	(NAD27)	(NAD27)	*Conglom.*		*Met.Sed*			*Granites*	*Inter.*	*Gabbros*
			Red	Grey	Slatey	SMS	Schist.			
FJ02Q10	0681788	5051021	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0
FJ02Q11	0681922	5049273	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02Q12	0681805	5046948	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
FJ02Q13	0682049	5045240	0.0	1.6	0.0	0.0	0.0	1.6	0.0	0.0
FJ02Q14	0681649	5042746	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02R08	0684083	5055631	0.0	41.9	0.0	0.0	0.0	0.0	0.0	0.0
FJ02R10	0684032	5051020	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02R11	0684180	5048651	0.0	1.8	0.0	0.0	0.0	0.0	0.0	1.8
FJ02R12	0684443	5047324	2.1	2.1	2.1	0.0	0.0	0.0	0.0	0.0
FJ02R13	0684241	5044740	0.0	2.1	0.0	0.0	0.0	2.1	0.0	8.3
FJ02R14	0683753	5042978	0.0	1.1	19.8	0.0	0.0	0.0	0.0	0.0
FJ02S09	0685260	5052931	0.0	0.0	0.0	0.0	0.0	1.9	0.0	1.9
FJ02S10	0686096	5051472	0.0	2.8	0.0	0.0	0.0	1.4	0.0	0.0
FJ02S11	0686079	5048672	0.0	1.0	0.0	0.0	0.0	4.1	0.0	0.0
FJ02S12	0685755	5047248	3.5	1.8	0.0	0.0	0.0	3.5	0.0	0.0
FJ02S13	0686014	5044945	0.0	0.0	13.9	0.0	0.0	0.0	0.0	0.0
FJ02S14	0685952	5042725	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0
FJ02T10	0687837	5050755	0.0	3.3	0.0	0.0	0.0	3.3	0.0	3.3
FJ02T12	0687903	5047053	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
FJ02T13	0687826	5045344	0.0	0.0	1.6	0.0	0.0	4.7	0.0	3.1
FJ02T13FD	0687826	5045344								
FJ02T14	0688348	5042525	0.0	0.0	5.9	0.0	0.0	3.9	0.0	2.0
FJ02V11	0690147	5049114	3.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0
FJ02V12	0690487	5047313	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0
FJ02V13	0689861	5044469	0.0	1.8	1.8	0.0	0.0	7.0	0.0	5.3
FJ02V14.5	0690362	5042016	0.0	0.0	0.0	0.0	0.0	14.9	0.0	4.3
FJ02W12	0691913	5046854	0.0	1.7	0.0	0.0	0.0	3.4	0.0	3.4
FJ02W13	0692130	5045120	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0
FJ02W14	0691835	5043000	0.0	5.8	1.9	0.0	0.0	1.9	0.0	1.9
FJ02X13	0693963	5044723	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0
FJ02X14	0693379	5042835	0.0	0.0	0.0	0.0	0.0	7.0	0.0	1.8
FJ0288-16	0672850	5054200								
FJ0288-39	0675950	5058000								
FJ0288-40	0681400	5049800								
FJ0288-41	0678250	5044650								
FJ0288-43	0659950	5046050								
FJ0288-45	0666800	5049050								

Site Data and Till Properties, Fredericton Junction Map Area (NTS 21 G/10)

Landform	Texture	Consistency
bT = basal till	S = sand	LO = loose
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GM = glaciomarine	SL = sandy loam	FR = friable
GF = glaciofluvial	SiL = silt loam	F = firm
IC = ice contact	L = loam	VF = very firm
R = bedrock	SCL = sandy-clay loam	**LEGEND**
Rx = broken bedrock	CL = clay loam	
v = veneer	C = clay	
b = blanket	( ) = de-emphasis	

Sample ID	UTM Easting (NAD27)	UTM Northing (NAD27)	Volcanic Clasts (%)			Others (%)			
			Mafic	*Inter.*	*Felsic*	*Quartz*	*Quartzite*	*Blk. Chert*	*Shist/Gniess*
FJ02A02	0656061	5066079	0.0	0.0	1.6	7.8	0.0	0.0	0.0
FJ02A04	0655853	5063795	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02A06	0655819	5058803	1.9	0.0	3.8	1.9	0.0	0.0	0.0
FJ02B03	0657236	5065475	0.0	0.0	2.1	0.0	0.0	0.0	0.0
FJ02B05	0657777	5060867	0.0	0.0	1.9	1.9	1.9	0.0	0.0
FJ02B07	0657737	5057342	0.0	5.7	2.9	0.0	0.0	0.0	0.0
FJ02B11	0658085	5048630	1.5	3.1	3.1	0.0	0.0	0.0	3.1
FJ02B13	0658151	5045248	0.0	0.0	2.9	0.0	0.0	0.0	0.0
FJ02B14	0657780	5042905	2.1	0.0	0.0	0.0	0.0	0.0	0.0
FJ02B15	0657942	5041299	0.0	3.7	0.0	0.0	0.0	0.0	7.4
FJ02C02	0660279	5067308	1.8	0.0	0.0	1.8	0.0	0.0	0.0
FJ02C06	0660310	5058482	0.0	0.0	4.2	2.1	0.0	0.0	0.0
FJ02C08.5	0659996	5053840	3.5	0.0	14.0	0.0	0.0	0.0	0.0
FJ02C10	0660150	5050709	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02C12	0659733	5047203	3.9	5.9	2.0	0.0	0.0	0.0	2.0
FJ02C13	0660105	5045201	6.3	0.0	0.0	0.0	0.0	0.0	0.0
FJ02C13FD	0660105	5045201							
FJ02C14	0659650	5042707	0.0	0.0	2.9	5.7	0.0	0.0	2.9
FJ02C15	0660503	5040866	6.3	0.0	0.0	0.0	0.0	0.0	0.0
FJ02CD03.5	0661159	5064143	0.0	0.0	0.0	2.5	0.0	0.0	0.0
FJ02D05	0661799	5060836	1.1	0.0	0.0	1.1	1.1	0.0	0.0
FJ02D07	0662193	5057125	0.0	0.0	0.0	4.2	0.0	0.0	0.0
FJ02D11	0662001	5048453	1.4	0.0	5.8	2.9	0.0	0.0	0.0
FJ02D12	0662095	5046904	2.0	0.0	9.8	5.9	0.0	0.0	0.0
FJ02D13	0661951	5045140	2.9	0.0	5.9	0.0	0.0	0.0	2.9
FJ02D14.5	0661924	5041833	0.0	0.0	0.0	2.5	0.0	0.0	0.0
FJ02DE09.5	0662807	5052020	5.8	0.0	3.8	0.0	3.8	0.0	0.0
FJ02E02	0663410	5066595	0.0	0.0	0.0	2.1	0.0	0.0	4.2
FJ02E04	0664470	5062977	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02E06	0664389	5059266	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02E06FD	0664389	5059266							
FJ02E08	0663922	5055230	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02E12	0663795	5047161	0.0	0.0	1.8	1.8	0.0	0.0	0.0
FJ02E13	0664598	5045146	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02E14	0663959	5042861	0.0	0.0	7.3	0.0	0.0	0.0	0.0
FJ02E15	0663835	5041475	0.0	0.0	1.8	0.0	0.0	0.0	0.0
FJ02F12	0665961	5047257	0.0	0.0	9.5	0.0	0.0	0.0	0.0
FJ02F13	0666692	5044518	0.0	0.0	23.5	0.0	0.0	0.0	0.0
FJ02F14C1	0666148	5043021	0.0	0.0	6.1	8.2	0.0	0.0	0.0

Site Data and Till Properties, Fredericton Junction Map Area (NTS 21 G/10)

Sample ID	UTM Easting (NAD27)	UTM Northing (NAD27)	Volcanic Clasts (%)			Others (%)			
			Mafic	Inter.	Felsic	Quartz	Quartzite	Blk. Chert	Shist/Gniess
FJ02F14C2	0666148	5043021							
FJ02F14C3	0666148	5043021	4.3	0.0	0.0	0.0	0.0	0.0	0.0
FJ02F15	0665994	5040916	0.0	0.0	9.6	1.9	1.9	0.0	0.0
FJ02G01.5	0667833	5068139	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02G05	0668370	5061522	0.0	0.0	0.0	2.1	0.0	0.0	0.0
FJ02G08	0668235	5054879	3.1	0.0	0.0	0.0	3.1	0.0	0.0
FJ02G11	0668191	5048546	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02G12	0668221	5046660	0.0	0.0	0.0	0.0	0.0	0.0	2.5
FJ02G13	0667591	5045036	0.0	0.0	55.0	0.0	0.0	0.0	0.0
FJ02G14	0668084	5043069	0.0	0.0	0.0	3.8	0.0	0.0	0.0
FJ02G15	0668347	5041242	0.0	1.5	1.5	1.5	0.0	0.0	0.0
FJ02H11	0669683	5048886	0.0	0.0	2.2	0.0	0.0	0.0	0.0
FJ02H12	0670825	5046576	0.0	0.0	9.8	3.9	0.0	0.0	0.0
FJ02H13	0669442	5044955	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02H14	0670040	5043045	0.0	0.0	0.0	0.0	2.9	0.0	0.0
FJ02H14FD	0670040	5043045							
FJ02H15	0670101	5041145	2.0	2.0	0.0	6.1	0.0	0.0	0.0
FJ02HK09.5	0671148	5051963	0.0	0.0	0.0	1.8	1.8	0.0	0.0
FJ02K11	0672341	5048892	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02K13	0672344	5044984	0.0	0.0	38.8	0.0	0.0	0.0	2.0
FJ02K14	0671581	5042548	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02K15	0671616	5040682	0.0	1.9	77.4	0.0	0.0	0.0	0.0
FJ02L07	0674658	5056736	0.0	0.0	0.0	0.0	0.0	0.0	2.6
FJ02L10	0673400	5051097	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02L11	0673594	5049063	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02L13	0673858	5044695	0.0	0.0	100.0	0.0	0.0	0.0	0.0
FJ02L14	0674124	5043398	0.0	0.0	27.5	0.0	0.0	0.0	0.0
FJ02L15	0674353	5041049	0.0	0.0	4.3	0.0	0.0	0.0	0.0
FJ02M05	0676471	5060703	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02M10	0675948	5051237							
FJ02M11	0675593	5049313	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02M12	0676021	5046867	0.0	0.0	0.0	3.7	0.0	0.0	0.0
FJ02M12FD	0676021	5046867							
FJ02M13	0675871	5045066	0.0	0.0	0.0	7.7	0.0	0.0	0.0
FJ02M14	0675912	5043090	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02M15	0675894	5040965	0.0	0.0	2.8	5.6	0.0	0.0	0.0
FJ02N10	0678229	5051321	0.0	0.0	0.0	0.8	0.0	0.0	0.0
FJ02N11-A	0677838	5049117	0.0	0.0	1.4	0.0	1.4	0.0	0.0
FJ02N11-B	0677765	5049209							
FJ02N12	0678041	5047197	0.0	0.0	84.3	0.0	1.2	0.0	0.0
FJ02N13	0677770	5045035	0.0	0.0	80.3	1.5	0.0	0.0	0.0
FJ02N14	0678018	5042983	0.0	0.0	34.5	0.0	0.0	0.0	0.0
FJ02N15	0678027	5041166	0.0	0.0	98.7	0.0	0.0	0.0	0.0
FJ02P10	0680012	5050993	0.0	0.0	2.1	0.0	0.0	0.0	0.0
FJ02P11	0680398	5049077	58.6	0.0	0.0	1.7	0.0	0.0	0.0
FJ02P12	0679802	5046990	0.0	0.0	84.4	0.0	0.0	0.0	0.0
FJ02P13	0680478	5044587	0.0	0.0	95.3	4.7	0.0	0.0	0.0
FJ02P14	0679979	5042672	0.0	0.0	52.6	0.0	0.0	0.0	0.0
FJ02P15	0679939	5041048	1.7	0.0	12.1	1.7	0.0	0.0	0.0
FJ02PQ07	0681104	5056234	0.0	0.0	2.8	5.6	4.2	0.0	0.0

Site Data and Till Properties, Fredericton Junction Map Area (NTS 21 G/10)

Sample ID	UTM Easting	UTM Northing	Volcanic Clasts (%)			Others (%)			
	(NAD27)	(NAD27)	Mafic	Inter.	Felsic	Quartz	Quartzite	Blk. Chert	Shist/Gniess
FJ02Q10	0681788	5051021	1.7	0.0	0.0	3.4	0.0	0.0	0.0
FJ02Q11	0681922	5049273	0.0	0.0	15.7	1.9	0.0	0.0	0.0
FJ02Q12	0681805	5046948	0.0	0.0	54.6	0.9	0.0	0.0	0.0
FJ02Q13	0682049	5045240	0.0	0.0	21.0	1.6	0.0	0.0	0.0
FJ02Q14	0681649	5042746	0.0	0.0	77.8	0.0	2.2	0.0	0.0
FJ02R08	0684083	5055631	0.0	0.0	1.6	0.0	6.5	0.0	0.0
FJ02R10	0684032	5051020	0.0	0.0	0.0	2.0	2.0	0.0	0.0
FJ02R11	0684180	5048651	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02R12	0684443	5047324	0.0	0.0	8.3	4.2	0.0	0.0	0.0
FJ02R13	0684241	5044740	0.0	0.0	20.8	2.1	0.0	0.0	0.0
FJ02R14	0683753	5042978	0.0	0.0	0.0	11.0	0.0	0.0	0.0
FJ02S09	0685260	5052931	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FJ02S10	0686096	5051472	0.0	0.0	0.0	5.6	0.0	0.0	0.0
FJ02S11	0686079	5048672	0.0	1.0	5.2	5.2	2.1	0.0	0.0
FJ02S12	0685755	5047248	0.0	21.1	1.8	3.5	3.5	0.0	0.0
FJ02S13	0686014	5044945	0.0	0.0	0.0	12.7	0.0	0.0	0.0
FJ02S14	0685952	5042725	0.0	0.0	0.0	1.2	0.0	0.0	0.0
FJ02T10	0687837	5050755	0.0	0.0	1.7	1.7	0.0	0.0	0.0
FJ02T12	0687903	5047053	0.0	0.0	29.4	0.0	0.0	0.0	0.0
FJ02T13	0687826	5045344	3.1	0.0	3.1	4.7	1.6	0.0	0.0
FJ02T13FD	0687826	5045344							
FJ02T14	0688348	5042525	0.0	0.0	5.9	3.9	2.0	0.0	0.0
FJ02V11	0690147	5049114	0.0	0.0	3.0	3.0	0.0	0.0	0.0
FJ02V12	0690487	5047313	0.0	0.0	16.1	0.0	0.0	0.0	0.0
FJ02V13	0689861	5044469	0.0	0.0	8.8	5.3	0.0	0.0	0.0
FJ02V14.5	0690362	5042016	0.0	0.0	6.4	2.1	2.1	0.0	0.0
FJ02W12	0691913	5046854	0.0	0.0	3.4	0.0	0.0	0.0	0.0
FJ02W13	0692130	5045120	0.0	0.0	10.5	1.8	1.8	0.0	0.0
FJ02W14	0691835	5043000	0.0	0.0	5.8	1.9	0.0	0.0	0.0
FJ02X13	0693963	5044723	0.0	0.0	28.1	1.6	0.0	0.0	1.6
FJ02X14	0693379	5042835	0.0	0.0	3.5	0.0	1.8	0.0	0.0
FJ0288-16	0672850	5054200							
FJ0288-39	0675950	5058000							
FJ0288-40	0681400	5049800							
FJ0288-41	0678250	5044650							
FJ0288-43	0659950	5046050							
FJ0288-45	0666800	5049050							